

Academic Standards

College Academic Standards

Students are responsible for following the curriculum plan for their major, pattern of attendance, and graduation year. Students are responsible for monitoring their own progress through the curriculum by registering for the courses stipulated by their curriculum plan, knowing course prerequisites, regularly checking the degree audit system, and knowing the sanctions for unsatisfactory academic progress. Any exceptions to a student's curriculum plan must be approved by their program and academic advisor.

Academic Standards for Health Science Majors

Minimum passing grade standards exist for both professional courses, which are required courses taught within the major/college, and professional prerequisite courses, as highlighted below:

Course Type	Subject	Minimum Passing Grade
Professional	HSCI, HLTH, PHTH	C
Professional Prerequisite	BIOL, CHEM, MATH, PHYS	C-

Courses in the above listed professional or professional prerequisite subjects that are taken as electives are exempt from the C/C- or better rule and the University's minimum satisfactory grade will be accepted.

For all other courses:

The University's minimum passing grade for the course will be accepted. Please note: The University requires a minimum grade of C for ENGW 1111 and ENGW 3306.

Progression within Bouvé

- First-year students must complete at least 27 semester hours and meet all major prerequisite course requirements to progress to sophomore status. First-year students who earn fewer than the semester hours stipulated by the curriculum plan for their major must make up the difference prior to graduation.
- To progress into the subsequent year of professional courses, students must have completed all professional prerequisites with the required minimum passing grade as noted in the chart above.
- To progress into the subsequent semester of professional courses, students must have completed all professional courses with a grade of C or better.

- Students who incur an incomplete grade in a prerequisite course must obtain approval from their academic advisor, upon consultation with the department faculty, and, when appropriate, the Health Science Academic Standing Committee prior to progression into the subsequent course(s).

Criteria for University Academic Probation

Please note: Notation of Academic Probation will appear on internal records but not on permanent transcript.

Students in the Bouvé College of Health Sciences will be placed on academic probation effective the following academic semester for any of the reasons noted below:

First-Year Students:

- Students who fail to attain an overall GPA of 1.800 at the end of each semester of their freshman year and/or fail to earn at least 12 semester hours in the semester just completed will be placed on academic probation effective for the following semester.

Upper-Year and Transfer Students:

- Students who fail to attain a minimum cumulative GPA of 2.000 at the end of each semester and/or fail to earn at least 12 semester hours in the semester just completed and/or fail to meet the requirements for good academic standing for their major will be placed on academic probation effective for the following semester.

Academic Dismissal from Major

Students in the Bouvé College of Health Sciences will be dismissed from their major effective the following academic semester for any of the reasons noted below:

- Failure to earn a grade of C or better in three professional courses, regardless of remediation. Lecture and clinical/lab components for the same class are considered as one professional course failure.
- Failure to earn the minimum required grade in the same course twice.

Note: Students dismissed from their major but who are otherwise in good standing with the University are allowed to remain at Northeastern University for up to two semesters as a provisional Bouvé student, by the end of which the student is expected to move into a new major.

Academic Dismissal from University

Students who remain on probation after two full-term academic semesters may be dismissed from the University. This action may appear on the transcript at the end of the second probationary semester. In addition, students who have below a 1.000 GPA in any semester following their first semester or cumulatively may be dismissed at the discretion of their college. Students may appeal this decision to the Academic Standing Committee of their college. International students should consult with an advisor in the International Student and Scholar Institute to discuss the impact of an academic dismissal as it relates to nonimmigrant visa status.

Academic Appeals

Students who believe that they were erroneously, capriciously, or otherwise unfairly treated in an academic or cooperative education decision may petition to appeal the decision. Refer to the Bouvé Undergraduate Student Manual, which details the Bouvé College of Health Sciences Appeals Process, and the Northeastern University Student Handbook, which details the University Undergraduate Student Academic Appeals Procedures.

Program Policies & Standards

Students are expected to adhere to the policies and standards of their program as stated in the Bouvé Undergraduate Student Manual to progress through their curriculum as planned. Students seeking any exceptions to the Program Policies and Standards specified for their program major will be brought before the Health Science Academic Standing Committee to present their petitions.

Program Requirements

School of Health Professions

The School of Health Professions offers degree programs in Health Science (BS), Speech-Language Pathology and Audiology (BS and BS/MS and a BS with a minor in Early Intervention), and Physical Therapy (entry-level DPT).

Health Science Program Requirements

- First-year students must complete at least 27 SH and meet all major prerequisite course requirements in order to progress to sophomore status.
- In order to progress into the subsequent years of professional courses, students must complete all professional courses with a grade of C or better and all professional prerequisite course with a grade of C- or better.
- Students must declare a co-op plan by April 1st of the spring semester of year one.
- Students must have completed all curriculum requirements through the junior year to enroll in the fall semester of the senior year. Alternate plans need to be approved by the department through a petition submitted to the Health Science Academic Advisor in the Office of Student Services

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Academic Standards for Nursing Majors

Minimum passing grade standards exist for both professional courses, which are required courses taught within the major/college, and professional prerequisite courses, as highlighted below:

Course Type	Subject	Minimum Passing Grade
Professional	HLTH, HSCI, NRSG, PHSC	C
Professional Prerequisite	BIOL, CHEM, MATH	C
	PSYC 3404	C

Courses in the above listed professional or professional prerequisite subjects that are taken as electives are exempt from the C/C- or better rule and the University's minimum satisfactory grade will be accepted.

For all other courses:

The University's minimum passing grade for the course will be accepted. Please note: The University requires a minimum grade of C for ENGW 1111 and ENGW 3306.

Progression within Bouvé

- First-year students must complete at least 27 semester hours and meet all major prerequisite course requirements to progress to sophomore status. First-year students who earn fewer than the semester hours stipulated by the curriculum plan for their major must make up the difference prior to graduation.
- To progress into the subsequent year of professional courses, students must have completed all professional prerequisites with the required minimum passing grade as noted in the chart.
- To progress into the subsequent semester of professional courses, students must have completed all professional courses with a grade of C or better.

- Students who incur an incomplete grade in a prerequisite course must obtain approval from their academic advisor, upon consultation with the department faculty and, when appropriate, the School of Nursing Academic Standing Committee, prior to progression into the subsequent course(s).

Criteria for University Academic Probation

Please note: Notation of Academic Probation will appear on internal records but not on permanent transcript.

Students in the Bouvé College of Health Sciences will be placed on academic probation effective the following academic semester for any of the reasons noted below:

First-Year Students:

- Students who fail to attain an overall GPA of 1.800 at the end of each semester of their freshman year and/or fail to earn at least 12 semester hours in the semester just completed will be placed on academic probation effective for the following semester.

Upper-Year and Transfer Students:

- Students who fail to attain a minimum cumulative GPA of 2.000 at the end of each semester and/or fail to earn at least 12 semester hours in the semester just completed and/or fail to meet the requirements for good academic standing for their major will be placed on academic probation effective for the following semester.

Academic Dismissal from Major

Students in the Bouvé College of Health Sciences will be dismissed from their major effective the following academic semester for any of the reasons noted below:

- Students who do not meet the required minimum grade in two professional courses will be dismissed from the program. Only one professional course can be remediated.
- Remediation of a failed professional course is a requirement for progression in the program. Students who do not meet the minimum grade in the same course twice will be dismissed from the program. If a student fails a second professional course, dismissal for failure of two professional courses will take effect.

Note: Students dismissed from their major but who are otherwise in good standing with the University are allowed to remain at Northeastern University for up to two semesters as a provisional Bouvé student, by the end of which the student is expected to move into a new major.

Academic Dismissal from University

Students who remain on probation after two full-term academic semesters may be dismissed from the University. This action may appear on the transcript at the end of the second probationary semester. In addition, students who have below a 1.000 GPA in any semester following their first semester or cumulatively may be dismissed at the discretion of their college. Students may appeal this decision to the Academic Standing Committee of their college. International students should consult with an advisor in the International Student and Scholar Institute to discuss the impact of an academic dismissal as it relates to nonimmigrant visa status.

Academic Appeals

Students who believe that they were erroneously, capriciously, or otherwise unfairly treated in an academic or cooperative education decision may petition to appeal the decision. Refer to the Bouvé Undergraduate Student Manual, which details the Bouvé College of Health Sciences Appeals Process, and the Northeastern University Student Handbook, which details the University Undergraduate Student Academic Appeals Procedures.

Program Policies & Standards

Students are expected to adhere to the policies and standards of their program major as stated in this Manual to progress through their curriculum as planned. Students seeking any exceptions to the Program Policies and Standards specified for their program major will be brought before the School of Nursing Academic Standing Committee to present their petitions.

Program Requirements

School of Nursing

Bachelor of Science in Nursing Program Requirements

The nursing program includes two options for entering freshmen:

- A 5 year track with three, 6 month co-ops, and
- A 4 year track with two, 6 month co-ops.

Students must declare by September 1 of third year, either the 5 or 4 year track.

Change-of-major students should access and follow the requirements found on the 'Bouvé College Change of Major Website' at <http://www.northeastern.edu/bouve/undergraduate/change-of-major/>. Accepted students will be assigned co-op semesters consistent with their new program plan.

Students must complete all co-op experiences planned in their academic program with a grade of 'S' for each co-op experience.

Students must complete 128 semester hours of academic credit successfully to graduate, in compliance with University and nursing curriculum requirements and their expected year of graduation.

Degree requirements must be completed within eight years from the date of matriculation

Clinical Requirements

- Students are required to attend all scheduled nursing classes, clinical experiences, and clinical labs on campus and in clinical agencies. If the student fails to meet attendance requirements, the student will fail the course.
- In accordance with the uniform policies of the program, students are required to purchase uniforms for their clinical rotations. All garments must be purchased from McGill's Uniform Company, the designated uniform supplier. Students may call McGill's Uniform Company at 1-603-627-3472 to order the uniform. There is also an annual visit to the campus by the company when the students can select or place their orders.

- The following items are included in the uniform:
 - 1 shirt, white with logo
 - 1 pants or skirt, navy
 - 1 jacket, blue
 - 1 long-sleeved turtleneck, blue (optional)
 - 1 name pin (clinical name pin)
 - White professional shoes (no clogs); student may purchase these independently.

- Students are required to wear the uniform that is consistent with the uniform regulations of the nursing program and those of their assigned clinical agency (for example, a lab coat over street clothes in a community health center; the required shirt and pants with a lab coat in the hospital).

- Students must show evidence of immunizations and health clearance by University Health and Counseling Services, documentation of CPR certification and complete a Criminal Offender Record Information (CORI) background check to be eligible for clinical placement. Please refer to page 26 (General Information section) for more information. Students will not be allowed into a clinical area until these processes are satisfactorily completed.

- Failure to pass the clinical experience component will result in failure in the course.

- Students may be removed from the clinical area before completion of the clinical rotation, if the instructor determines that the student is unsafe. This will result in the student failing the clinical course.

- Students should refer to Clinical Course Requirements, Health Clearance Requirements for Clinical Rotations and the Professional Conduct statement in the General Information section of this Manual.

Assessment, Technology, Inc. (ATI)

All students are required to pay a fee for course participation in Assessment, Technology, Inc., beginning in sophomore year. This cost will be reflected separately on the bill one time per year for three consecutive years.

Clinical Warning

A nursing student may be placed on clinical warning at any time during the semester for the following reasons:

- Not meeting clinical objectives at a satisfactory level.
- Being at risk for failing the clinical component, and thus, failing the course.
 - Being at risk by failing to demonstrate safe practice.

Conditions

- Students on clinical warning must develop an academic plan with the clinical instructor to address clinical performance.
- Students will be expected to improve clinical performance by adhering to the plan.

- Failure to adhere to the terms of the plan will result in the student failing the course and being placed on academic probation. All conditions of academic probation will then apply.

Notification

- The clinical instructor will issue the student a Clinical Warning via the Faculty and Advisor Communication Tool (FACT) identifying the problem.
- The student and the instructor should then develop a plan together to address the deficiency.
- Copies of the warning will be forwarded to the student's Faculty Advisor if needed.
- A copy of the warning will stay in the student's electronic file.
- This is an administrative warning and will not be posted on the transcript.
- Satisfactory completion of the clinical experience component of the course will result in removal of the warning from the student's file.

State Board Nursing Examination

The OSS academic advisor will notify students about filing for the National Council for Licensure Examination (NCLEX-RN), and assist students in the application and registration process to sit for the NCLEX-RN after graduation. The NCLEX-RN is designed to test knowledge, skills, and abilities essential to the safe and effective practice of entry-level nurses. The NCLEX-RN is administered by computer, using a method called computerized adaptive testing (CAT). Only students who have received their diploma are eligible to sit for the NCLEX-RN. Students who plan to take the NCLEX-RN in another state should contact the Board of Registration for Nursing in the state in which they wish to be licensed and request appropriate application materials.

Technical Standards for Admission, Academic Progression, and Graduation

The primary mission of the school of nursing is to prepare nursing leaders for basic and advanced practice, thereby contributing to the health of the nation. The School of Nursing is also committed to achieving the goals of the university to become an outstanding national research, practice-oriented, student-centered, urban institution.

The goal of the School of Nursing is to prepare students to think critically and to practice nursing competently and compassionately in rapidly changing practice environments. All efforts are designed to build nursing knowledge, enhance nursing practice and patient safety, foster professional integrity, and ultimately improve the health outcomes of patients, families, and communities across the continuum of care.

In addition to classroom learning, students' clinical education experiences occur in settings, like hospitals, in which patient safety is the priority. For this reason, students who, upon enrollment in any of the nursing programs, seek accommodations from the Disability Resource Center (DRC) at NU must also request an assessment of accommodations that would be needed for clinical education.

Certain functional abilities are essential for the delivery of safe, effective nursing care during clinical education activities. Therefore, the School of Nursing has determined that certain technical standards are requisite for admission, progression, and graduation from the nursing programs. An individual must be able to independently, with or without reasonable accommodation, meet the following technical standards:

- (1) General abilities
- (2) Observation
- (3) Communication

- (4) Motor
- (5) Intellectual, conceptual, and quantitative abilities
- (6) Essential behavioral and social attributes
- (7) Ability to manage stressful situations

Individuals unable to meet these technical standards, with or without reasonable accommodation, will not be able to complete the program.

General Abilities: The student is expected to possess functional use of the senses of vision, touch, hearing, and smell so that data received by the senses may be integrated, analyzed, and synthesized in a consistent and accurate manner. A student must be able to respond promptly to urgent situations that may occur during clinical training activities and must not hinder the ability of other members of the health care team to provide prompt treatment and care to patients.

Observational Ability: The student must have sufficient capacity to make accurate visual observations and interpret them in the context of laboratory studies, medication administration, and patient care activities. In addition, the student must be able to document these observations and maintain accurate records.

Communication Ability: The student must communicate both verbally and non-verbally in order to elicit information and to convey that information to others. Each student must have the ability to read and write accurately and comprehensively in English. The student must be able to thoroughly comprehend and fluently speak the English language so as to facilitate communication with patients, families, professionals in health care settings, instructors, and other students. The student must also be able to present information in a professional, logical manner and to provide counseling and instruction in order to effectively care for patients and their families.

Motor Ability: The student must be able to perform gross and fine motor movements with sufficient coordination needed to perform complete physical examinations utilizing the techniques of inspection, palpation, percussion, auscultation, and other diagnostic maneuvers. A student must develop the skills needed to perform or assist with procedures, treatments, administration of medication, and the management and operation of diagnostic and therapeutic medical equipment. The student possess the physical and mental stamina to meet the demands associated with extended periods of sitting, standing, moving, and physical exertion required for satisfactory and safe performance in the clinical and classroom settings.

Intellectual, Conceptual, and Quantitative Abilities: The student must be able to develop and refine critical thinking skills that are essential to nursing practice. Critical thinking involves the abilities to measure, calculate, reason, analyze, and synthesize objective and subjective data, and to make decisions, often in a time-urgent environment, that reflect consistent and thoughtful deliberation and sound clinical judgment.

Behavioral and Social Attributes: Compassion, integrity, motivation, effective interpersonal skills, and concern for others are personal attributes required of those in the nursing programs. The student must be able to work under supervision of a clinical instructor or preceptor; this is essential to ensure patient safety. The student must exercise good judgment and promptly complete all responsibilities in the classroom and clinical settings. The ability to establish culturally competent relationships with individuals, families, and groups and to respond effectively to patients who have different intellectual capacities is critical to nursing practice.

Examinations Disability and Special Needs: Students with special needs are encouraged to contact the Disability Resource Center (DRC) in 20 Dodge Hall to register and request services. Students must notify the

instructor at the beginning of the semester if they plan to use DRC services throughout the course. The staff in that office is available for assistance.

Ability to Manage Stressful Situations: The student must be able to adapt to and function effectively in stressful situations in both the classroom and clinical settings, including emergency situations. These stressors include personal, patient care/family, faculty/peer, and or program related issues.

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Academic Standards for Pharmacy Majors

Minimum passing grade standards exist for both professional courses, which are required courses taught within the major/college, and professional prerequisite courses, as highlighted below:

Course Type	Subject	Minimum Passing Grade
Professional	PHMD, PHSC	C
Professional Prerequisite	BIOL, CHEM, MATH, PHYS	C

Courses in the above listed professional or professional prerequisite subjects that are taken as electives are exempt from the C or better rule and the University's minimum satisfactory grade will be accepted. Those courses labeled "**professional electives**" (i.e. certain pharmacy courses), are subject to the C or better requirement.

For all other courses:

The University's minimum passing grade for the course will be accepted. Please note: The University requires a minimum grade of C for ENGW 1111 and ENGW 3306.

Progression within Bouvé

- First-year students must complete at least 27 semester hours and meet all major prerequisite course requirements to progress to sophomore status.
- To progress into the subsequent year of professional courses, students must have completed all professional prerequisites with the required minimum passing grade as noted in the chart above.
- To progress into the subsequent semester of professional courses, students must have completed all professional courses with a grade of C or better.
- Pharmacy students must receive a grade of C or better in all professional prerequisites, have satisfactorily completed all courses in years one (freshman year) and two (sophomore year) of the curriculum, and have a minimum GPA of 3.000 at the completion of the spring semester of the sophomore year to progress into the first professional year of the program. Pharmacy students who are admitted as freshmen in the Fall of 2016 and thereafter will be required to meet the above criteria and have an overall GPA of 3.000 or higher in professional prerequisites and professional courses (see earlier chart) at the completion of the spring semester of the sophomore year to progress into the first professional year of the program. In addition, students must

demonstrate, through a personal interview, good verbal and written communication skills, understanding of the pharmacy profession, and a commitment to patient care, based on criteria set by the Doctor of Pharmacy program. Students must maintain an overall GPA of 3.000 or higher during the graduate phase of the Doctor of Pharmacy program.

- For pharmacy students, failure to earn a satisfactory grade (S) in a co-op will be counted as a professional course failure.
- Students interested in earning the Bachelor of Science in Pharmaceutical Sciences degree must be fully matriculated Northeastern University students at the time of application. See “Changing Majors (<http://catalog.northeastern.edu/undergraduate/academic-policies-procedures/degrees-majors-minors/#changing>)” for more information.
- Students who incur an incomplete grade in a prerequisite course must obtain approval from their academic advisor, upon consultation with the department faculty and, when appropriate, the School of Pharmacy Academic Affairs Committee prior to progression into the subsequent course(s).

Criteria for University Academic Probation

Please note: Notation of Academic Probation will appear on internal records but not on permanent transcript.

Students in the Bouvé College of Health Sciences will be placed on academic probation effective the following academic semester for any of the reasons noted below:

First-Year Students:

- Students who fail to attain an overall GPA of 1.800 at the end of each semester of their freshman year and/or fail to earn at least 12 semester hours in the semester just completed will be placed on academic probation effective for the following semester.

Upper-Year and Transfer Students:

- Students who fail to attain a minimum cumulative GPA of 2.000 at the end of each semester and/or fail to earn at least 12 semester hours in the semester just completed and/or fail to meet the requirements for good academic standing for their major will be placed on academic probation effective for the following semester.

Academic Dismissal from Major

Students in the Bouvé College of Health Sciences will be dismissed from their major effective the following academic semester for any of the reasons noted below:

- Failure to earn a grade of C or better in three professional courses, regardless of remediation. Each specific professional course (with separate registration number) will be counted as a separate failure even if the content is related.
- Failure to earn the minimum required grade in the same course twice.
- Changing the expected graduation date more than twice.
- The School of Pharmacy (School) expects all students, faculty, and staff to conduct themselves in a professional manner. The School of Pharmacy has a Code of Professional Conduct (CPC) that applies to all students enrolled in any of the School's academic programs and participants in programs, events and activities affiliated with, sponsored by or sanctioned by the School. In addition, the CPC is applicable to all student nonacademic and extracurricular activities (regardless of whether such activities take place on or off campus) that have had or have the potential to have an adverse impact on Northeastern University, the Bouvé College of Health Sciences, the

School, faculty, staff, students, or patients and staff at affiliated experiential education sites, or may affect a students' fitness for continued enrollment in the School or entry into professional practice in pharmacy.

Note: Students dismissed from their major but who are otherwise in good standing with the University are allowed to remain at Northeastern University for up to two semesters as a provisional Bouvé student, by the end of which the student is expected to move into a new major. If not moved into a new major by the end of two semesters, the student will be blocked from further registration.

Academic Dismissal from University

Students who remain on probation after two full-term academic semesters may be dismissed from the University. This action may appear on the transcript at the end of the second probationary semester. In addition, students who have below a 1.000 GPA or fewer than 4 earned semester hours in any semester or cumulatively may be dismissed at the discretion of their college. Students may appeal this decision to the Academic Standing Committee of their college. International students should consult with an advisor in the International Student and Scholar Institute to discuss the impact of an academic dismissal as it relates to nonimmigrant visa status.

Academic Appeals

Students who believe that they were erroneously, capriciously, or otherwise unfairly treated in an academic or cooperative education decision may petition to appeal the decision. Refer to the Bouvé Undergraduate Student Manual, which details the Bouvé College of Health Sciences Appeals Process, and the Northeastern University Student Handbook, which details the University Undergraduate Student Academic Appeals Procedures.

Program Policies & Standards

Students are expected to adhere to the policies and standards of their program major as stated in this Manual to progress through their curriculum as planned. Students seeking any exceptions to the Program Policies and Standards specified for their program major will be brought before the School of Pharmacy Academic Affairs Committee to present their petitions.

Program Requirements

School of Pharmacy

Program Requirements

Pharmacy students are admitted with the expectation that by working with faculty, staff and each other, they will develop the knowledge, skills and attributes necessary for academic and professional success. Students follow academic progression plans for their respective years of graduation. Any deviation from the prescribed curriculum will require faculty/staff permission and an approved plan of study from the School of Pharmacy (SOP) Academic Affairs Committee.

The pharmacy curriculum includes introductory (cooperative education) and advanced pharmacy practice experiences. These experiences are provided primarily under the direct supervision of pharmacist preceptors and occasionally with other qualified healthcare professionals. The school is affiliated with many world-class practice sites locally and throughout the United States, providing students with access to experienced clinicians and scholars who facilitate their learning and professional development. Students should be

prepared to travel outside of the Boston area to complete portions of their pharmacy practice experiences. Availability of a car may be required, as some sites are not accessible by public transportation. All expenses associated with pharmacy practice experiences, including travel and housing, are the responsibility of the student.

Introductory Pharmacy Practice Experiences (IPPEs) are competitive placements that are based on job availability in a geographic region. The placements are facilitated by SOP cooperative education coordinators. Students are required to complete one IPPE in a community setting and one IPPE in an institutional/hospital practice setting.

Advanced Pharmacy Practice Experience (APPE) placements are provided based on site/preceptor availability and the final approval of the SOP Office of Experiential Education (OEE). Students may be able to petition the OEE for out-of-system APPEs; however, availability for such requests is limited.

Requirements for the APPE Program:

1. Successful completion all required and elective didactic coursework in the pharmacy curriculum and conferral of the Bachelor of Science in Pharmacy Studies degree.
2. Successful completion of the APPE preparatory courses (PHMD 6438 & PHMD 6439).
3. Provide evidence of health clearance from University Health and Counseling Services before placements at any APPE site.
4. Satisfactory completion of any additional site-specific requirements including, but not limited to, criminal record information (CORI), vaccination certification (APhA), and verification of immunization status. All fees associated with these requirements are the responsibility of the student.
5. Students are subject to the school's and university's code of conduct policies while off-campus.
6. Successful completion of six 6-week APPEs: four required APPEs (i.e., ambulatory care, community, internal/general medicine, and one health system experience) and two electives that may be patientcare or non-patient-care focused.
7. Maintain sufficient knowledge of site-specific requirements (via site descriptions) and complete site requests within specified deadlines. Failure to complete these requirements as directed will likely result in delay of graduation.
8. Maintenance of an APPE portfolio throughout the APPE year and completion of all portfolio submission requirements within specified deadlines.
9. Attendance at scheduled on-campus APPE meetings during the APPE year: Fall semester: Midpoint APPE Meeting.

Students must complete all APPEs with an overall GPA of 3.000 or greater in the Bouvé College of Health Sciences Graduate Program to earn the Doctor of Pharmacy degree.

Technical Standards for the Doctor of Pharmacy Program

The Doctor of Pharmacy program at Northeastern University is a rigorous and challenging academic program that requires students to possess specific characteristics and abilities within the cognitive, affective and psychomotor domains, referred to here as technical standards. To successfully progress in and ultimately

complete the didactic, laboratory and experiential components of the Doctor of Pharmacy program, students must meet the following standards:

Intellectual Abilities

Students must have well-developed problem-solving and critical-thinking skills. Cognitive function must be appropriate to integrate, evaluate and apply information gained through measurement, analysis, calculation, and reasoning. Students must have the capacity to learn efficiently in classroom, laboratory, small group, and experiential settings, and through independent study. Students are required to demonstrate the ability to integrate course content knowledge with clinical practice applications to optimize medication therapy management.

Communication Skills

Students must be able to communicate effectively with colleagues, professors, patients, families, and healthcare providers. This includes efficiently comprehending, speaking, reading, and writing in English. Students must be able to process and use appropriate non-verbal cues and be proficient in the use of electronic communication media.

Behavioral and Social Attributes

Students must demonstrate maturity, integrity, honesty, compassion, and respect when relating to others. Students must have sufficient mental and emotional health to complete work and responsibilities using good judgment. Students must be able to tolerate and adapt to stressful workloads and situations, and modify behavior based on constructive criticism. Students must be able to function in accordance with the legal and ethical standards of practice.

Observation and Motor Skills

Students must have functional use of visual, auditory, and tactile senses. Students must be able to observe and perform experiments, physical assessments, patient interviews, and medication order processing. Students must be able to distinguish physical characteristics of medications by inspection. Students must have coordination of gross and fine muscular movements sufficient to perform pharmacy-related tasks including compounding and dispensing medications, administering medications, and using computers and other technology necessary for learning and professional practice. *Observation and Motor Skills*

Students must have functional use of visual, auditory, and tactile senses. Students must be able to observe and perform experiments, physical assessments, patient interviews, and medication order processing. Students must be able to distinguish physical characteristics of medications by inspection. Students must have coordination of gross and fine muscular movements sufficient to perform pharmacy-related tasks including compounding and dispensing medications, administering medications, and using computers and other technology necessary for learning and professional practice.

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Students are responsible for following the curriculum plan for their major, pattern of attendance, and graduation year. Students are responsible for monitoring their own progress through the curriculum by registering for the courses stipulated by their curriculum plan, abiding by course prerequisites, regularly checking their degree audits, and knowing the consequences for unsatisfactory academic progress. Any exceptions to a student's curriculum plan will be determined by protocols established by the program, after consultation with the student's academic advisor.

Academic Standards for Physical Therapy

Minimum passing grade standards exist for both professional courses, which are required courses taught within the major/college, and professional prerequisite courses, as highlighted below:

Course Type	Subject	Minimum Passing Grade
Professional	EXSC, HLTH, PHSC, PT	C
Professional Prerequisite	BIOL, PHYS, PSYC	C
	CHEM, MATH	C-

Courses in the above-listed professional or professional prerequisite subjects that are taken as electives are exempt from the C/C- or better rule and the University's minimum satisfactory grade will be accepted.

For all other courses:

The University's minimum passing grade for the course will be accepted. Please note: The University requires a minimum grade of C for ENGW 1111 and ENGW 3306.

Progression within Bouvé

- First-year students must complete at least 27 semester hours and meet all major prerequisite course requirements to progress to sophomore status. First-year students who earn fewer than the semester hours stipulated by the curriculum plan for their major must make up the difference prior to graduation.
- To progress into the subsequent year of professional courses, students must have completed all professional prerequisites with the required minimum passing grade as noted in the chart above.
- To progress into the subsequent semester of professional courses, students must have completed all professional courses with a grade of C or better.
- Students who incur an incomplete grade in a prerequisite course must obtain approval from their academic advisor, upon consultation with the department faculty, and, when appropriate, the Department of Physical Therapy, Movement and Rehabilitation Sciences Academic Standing Committee prior to progression into the subsequent course(s).

- Students must receive the minimum passing grade as noted in the chart above for all professional prerequisites, have satisfactorily completed all academic courses in the pre-professional phase of the curriculum, have an overall GPA of 3.0 or higher and a science prerequisite GPA of 3.000 or higher, and have completed a minor or its equivalent by the end of the summer 1 semester year two in order to progress into the professional phase of the Doctor of Physical Therapy program. In addition, students must maintain an overall GPA of 3.000 or higher during the professional phase of the Doctor of Physical Therapy program. The Doctorate of Physical Therapy will only be conferred on students who successfully complete the full 6 (six) years of the curriculum or its equivalent.
- To progress in the program, students must maintain acceptable standards of scholarship and academic performance as stated in the academic requirements section of this catalog. Students must develop appropriate motor skills, professional behaviors, and emotional maturity.

Criteria for University Academic Probation

Please note: Notation of Academic Probation will appear on internal records but not on permanent transcripts.

Students in the Bouvé College of Health Sciences will be placed on academic probation effective the following academic semester for any of the reasons noted below:

First-Year Students:

- Students who fail to attain an overall GPA of 1.800 at the end of each semester of their freshman year and/or fail to earn at least 12 semester hours in the semester just completed will be placed on academic probation effective for the following semester.

Upper-Year Students:

- Students who fail to attain a minimum cumulative GPA of 2.000 at the end of each semester and/or fail to earn at least 12 semester hours in the semester just completed and/or fail to meet the requirements for good academic standing for their major will be placed on academic probation effective for the following semester.

Academic Dismissal from Major

Students in the Bouvé College of Health Sciences will be dismissed from their major effective the following academic semester for any of the reasons noted below:

- Failure to earn a grade of C or better in three professional courses, regardless of remediation. Within the Doctor of Physical Therapy program, each specific professional course (with separate registration number) will be counted as a separate failure even if content is related.
- Failure to earn the minimum required grade in the same course twice.
- Students must maintain an overall GPA of 3.000 or higher during the professional phase of the Doctor of Physical Therapy program.
- Physical Therapy students will be permitted only two (2) changes in year of Doctor of Physical Therapy graduation. Any additional changes to year of graduation will result in the student being dismissed from the program.
- The Doctor of Physical Therapy program monitors and promotes the development of professional behaviors in physical therapy students in order to ensure appropriate professionalism in the classroom, local and global communities and clinical settings. Breach of adherence to these standards may result in dismissal from the program.

Note: Students dismissed from their major but who are otherwise in good standing with the University are allowed to remain at Northeastern University for up to two semesters as a provisional Bouvé student, by the end of which the student is expected to move into a new major.

Academic Dismissal from University

Students who remain on probation after two full-term academic semesters may be dismissed from the University. This action may appear on the transcript at the end of the second probationary semester. In addition, students who have below a 1.000 GPA or fewer than 4 earned semester hours in any semester or cumulatively may be dismissed at the discretion of their college. Students may appeal this decision to the Academic Standing Committee of their college. International students should consult with an advisor in the International Student and Scholar Institute to discuss the impact of an academic dismissal as it relates to nonimmigrant visa status.

Academic Appeals

Students who believe that they were erroneously, capriciously, or otherwise unfairly treated in an academic or cooperative education decision may petition to appeal the decision. Refer to the Bouvé Undergraduate Student Manual, which details the Bouvé College of Health Sciences Appeals Process, and the Northeastern University Student Handbook, which details the University Undergraduate Student Academic Appeals Procedures.

Program Policies & Standards

Students are expected to adhere to the policies and standards of their program and major as stated in this Manual to progress through their curriculum as planned. Students seeking any exceptions to the program policies and standards specified for their program and major will be brought before the Department of Physical Therapy, Movement and Rehabilitation Sciences Academic Standing Committee to present their petitions.

Program Requirements

Physical Therapy Program Requirements

Academic Requirements

- A student may not repeat or remediate a failed class through a directed study. Students who do not satisfactorily complete a class in the professional phase of the program, are required to repeat the same professional course the next time the course is offered. Directed studies cannot replace a professional course or professional lab course. A student may enroll in a directed study only for purposes of furthering their learning on a specific content area, or as additional supplemental instruction as deemed appropriate by the faculty member and the Department of Physical Therapy, Movement and Rehabilitation Sciences' chair.
- Students who have successfully completed all undergraduate requirements and earned 174 credits are eligible to receive a Bachelor of Science in Rehabilitation Science.

Clinical Requirements

- All academic courses must be successfully completed prior to enrolling in Clinical Education courses.
- Students must receive a grade of 'S' satisfactory in all Supervised Clinical Education Courses.
- Refer to the statement on Practice Oriented or Clinical Course Requirements, Health Clearance Requirements for Clinical Rotations, and the Professional Conduct statement in the General Information section of this Manual.
- Additional information is available in the Clinical Education Student Manual of the Physical Therapy department.

Licensure Requirements

- Students who have earned a Doctor of Physical Therapy degree are eligible to apply to sit for the Federation of State Boards of Physical Therapy (FSBPT) Licensure Examination. Students who plan to take the FSBPT should contact the Board of Registration for Physical Therapy in the state in which they wish to be licensed and request appropriate application materials.

Cooperative Education Requirements

- The cooperative education assignment during the professional phase of the program must be successfully completed in a physical therapy setting under the guidance of a licensed physical therapist.

Change of Major Requirements

- In addition to admission to the program as freshman, students may be admitted into the program prior to the beginning of the professional phase of the program, providing all appropriate prerequisite courses, number of credits, and minor or its equivalent are completed and grade and GPA requirements are met.

Essential Functions for Northeastern University Physical Therapy Students

Physical therapy students must be able to perform, with or without reasonable accommodations, each of these essential functions in order to fully participate in our program and successfully complete the requirements for the DPT.

□ Cognitive Functions

1. Comprehend, integrate and analyze complex information from the liberal arts, basic sciences, mathematics, psychological and clinical sciences and apply this information to professional course work.
2. Comprehend, integrate, analyze and apply information from written materials, demonstrations, lectures, class discussions, laboratory practice sessions, and real and simulated patients.
3. Effectively utilize information obtained from classroom, laboratory and experiential learning, and written materials to create interventions for real and simulated patients.
4. Access, critique and analyze information from the professional literature, clinical experience and patient preferences to provide evidence-based interventions.

5. Educate others including but not limited to: patients, students, colleagues, peers, the general public/community groups and other health professionals in a variety of venues using appropriate teaching and learning methods.
6. Determine the physical therapy needs of any patient with movement dysfunction.
7. Properly document physical therapy assessment, plan of care and produce any other documents necessary for any patient receiving physical therapy services.
9. Demonstrate management skills including strategic planning, organizing, supervising, delegating, managing resources, and adhering to legal/regulatory requirements.
- 10 Evaluate patient or community needs and create programs of prevention and health promotion in a variety of client populations and settings.
11. Advocate for patients and member of the community to improve access to health care and health outcomes.
12. Analyze the impact and influence of lifestyle, socioeconomic class, culture, beliefs, race, and abilities of patients and colleagues to develop appropriate and effective interventions.
13. Identify and analyze factors which affect the overall health of society, its healthcare policies, access, delivery and quality.
14. Assess environmental and personal factors that serve as facilitators or barriers to full community participation based on patient's goals.
15. Screen for psychosocial factors that affect patient function such as substance abuse, domestic violence and psychiatric conditions, and provide appropriate interventions.
16. Provide interventions for patients/clients and the community at large that is culturally appropriate and respectful of their preferences.

□ **Affective and Communication Functions**

1. Establish professional, respectful, empathic relationships with individuals from a variety of lifestyles, cultures, ages, socioeconomic backgrounds and abilities, based on mutual trust.
2. Develop and maintain effective working relationships with professional colleagues, peers, patients/clients, families, and the general public.
3. Work effectively as part of an interdisciplinary team.
4. Effectively communicate with patients, families, colleagues and others by providing information that is appropriate for their culture, level of knowledge, and health literacy.
5. Identify the psychosocial impact of movement dysfunction and disability on the client and family; integrate these needs into all patient intervention or personal interactions.
6. Meet externally imposed deadlines and time requirements.
7. Effectively and consistently manage personal stress and the stress of others.
8. Effectively attend to people, information, and tasks in a complex, highly stimulating environment.
9. Practice in a safe, ethical, and legal manner, following guidelines as established by federal, state, and local law, the University, clinical facilities, the APTA, and related professional organizations.
10. Demonstrate responsibility for self-assessment and the development of a life-long plan for professional growth and development.
11. Accept responsibility for the consequences of one's own actions.
12. Respond to medical crisis and emergencies in a calm, safe, and professional manner.
13. Speak and write effectively in English to convey information to other individuals and groups.
14. Understand and interpret the verbal, non-verbal, and written communications of others and respond in an appropriate, professional manner.
15. Place the needs of the patient before the needs of the therapist.

□ **Psychomotor Functions**

1. Safely, reliably, and efficiently perform appropriate physical therapy procedures to examine the functional skills and abilities of patients with motor dysfunction across the lifespan consistent with currently established best practices.
2. Safely, reliably, and efficiently perform physical therapy interventions consistent with currently established best practices for patients across the lifespan.
3. Effectively and consistently practice standard precautions.
4. Effectively perform CPR and emergency first aid.
5. Read instructions, manipulate and operate physical therapy equipment and monitoring devices.
6. Demonstrate appropriate body mechanics and react safely and appropriately to sudden or unexpected movements of patients.
7. Demonstrate the ability to work in an environment that requires physical activity and mobility in a way that does not compromise patient or therapist safety.

Reference: Ingram, D. (1997). Opinions of Physical Therapy Education Program Directors on Essential Functions, *Physical Therapy*, 77(1), 37-45.