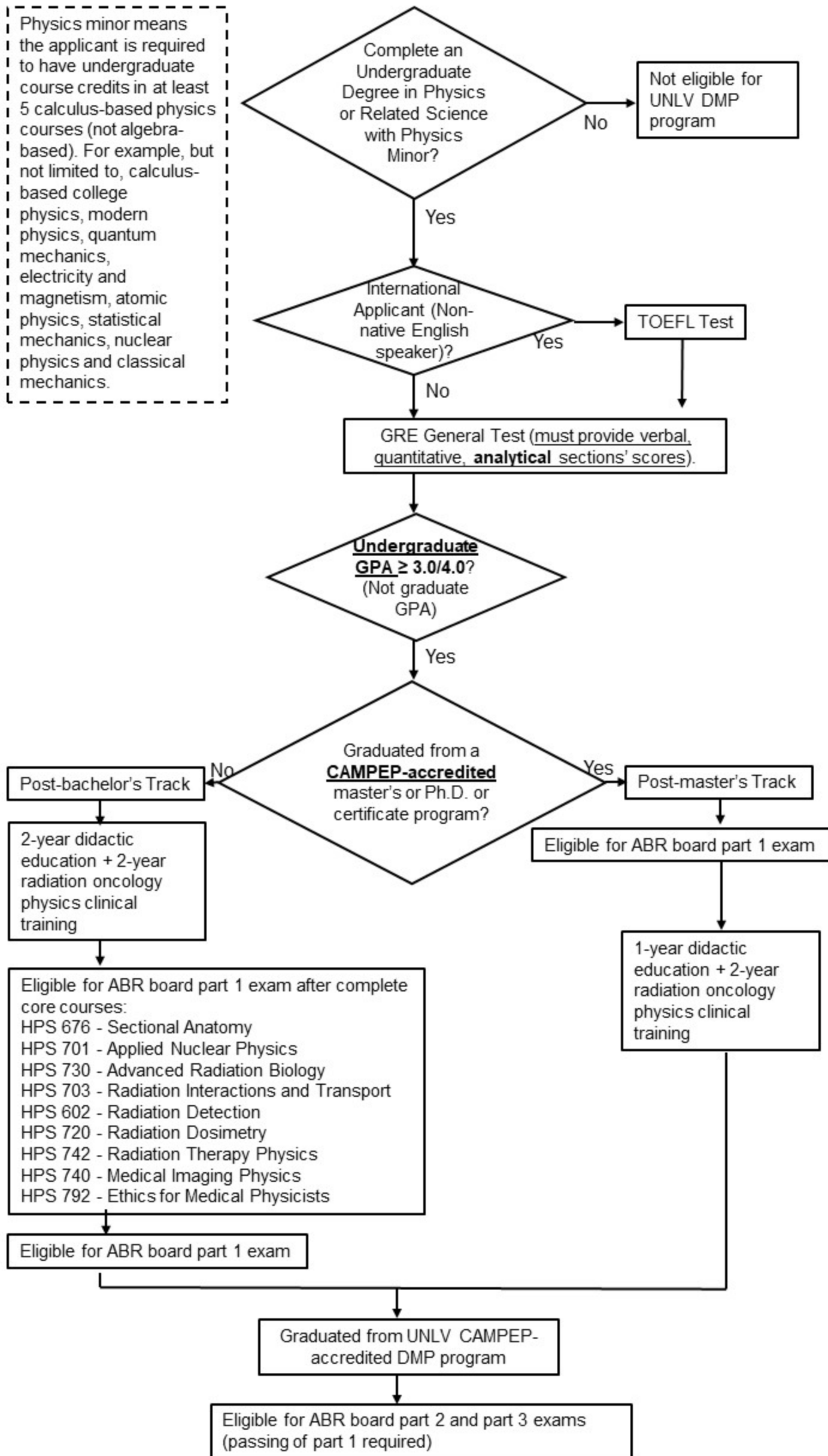


Physics minor means the applicant is required to have undergraduate course credits in at least 5 calculus-based physics courses (not algebra-based). For example, but not limited to, calculus-based college physics, modern physics, quantum mechanics, electricity and magnetism, atomic physics, statistical mechanics, nuclear physics and classical mechanics.



Complete an Undergraduate Degree in Physics or Related Science with Physics Minor?

Not eligible for UNLV DMP program

International Applicant (Non-native English speaker)?

TOEFL Test

GRE General Test (must provide verbal, quantitative, **analytical** sections' scores).

**Undergraduate GPA ≥ 3.0/4.0?**  
(Not graduate GPA)

Graduated from a **CAMPEP-accredited** master's or Ph.D. or certificate program?

Post-bachelor's Track

Post-master's Track

2-year didactic education + 2-year radiation oncology physics clinical training

Eligible for ABR board part 1 exam

Eligible for ABR board part 1 exam after complete core courses:  
 HPS 676 - Sectional Anatomy  
 HPS 701 - Applied Nuclear Physics  
 HPS 730 - Advanced Radiation Biology  
 HPS 703 - Radiation Interactions and Transport  
 HPS 602 - Radiation Detection  
 HPS 720 - Radiation Dosimetry  
 HPS 742 - Radiation Therapy Physics  
 HPS 740 - Medical Imaging Physics  
 HPS 792 - Ethics for Medical Physicists

1-year didactic education + 2-year radiation oncology physics clinical training

Eligible for ABR board part 1 exam

Graduated from UNLV CAMPEP-accredited DMP program

Eligible for ABR board part 2 and part 3 exams (passing of part 1 required)

## Academic Prerequisites

*Please note that UNLV has a CAMPEP-accredited Doctor of Medical Physics (DMP) program and an Interdisciplinary Health Sciences PhD program. There are separate programs.*

To apply for the UNLV CAMPEP-accredited DMP program, the following academic prerequisites are required:

1. The applicant has graduated with a **bachelor's degree in physics, Engineering, or other physical science program from an accredited college or university**, including the following example courses or their equivalents:

Calculus III

Differential Equations

Modern Physics

Modern Physics Lab

Computer Programming Language (or demonstrated experience with programming)

Three or more of the following junior/senior level calculus-based physics undergraduate courses

Electricity & Magnetism

Classical Mechanics

Quantum Mechanics

Thermodynamics

(the above is only an example list)

OR

the applicant has graduated from a **CAMPEP-accredited master's or Ph.D. or certificate program** with at least five calculus-based physics undergraduate courses

OR

The applicant has graduated from a **NON- CAMPEP-accredited master's or Ph.D. program** with at least five calculus-based physics undergraduate courses.

2. Undergraduate Grade Point Average (GPA) for BS, MS and PhD applicants. Successful candidates typically have a minimum undergrad GPA of 3.0/4.0 or a B average.
3. General GRE scores. GRE Advanced Physics Exam is not required.

4. Proficiency in the English language. If you are from a non-English speaking country, please submit scores from the Test of English as a Foreign Language (TOEFL).
5. If the applicant has graduated from a **CAMPEP-accredited master's or Ph.D. or certificate** program, he/she may enroll into **post-master's track (one-year coursework + two-year clinical radiotherapy physics residency training)**.
6. If the applicant has graduated **from a bachelor's degree in physics, Engineering, or other physical science** from an accredited college or university with advanced calculus-based physics courses, or If the applicant has graduated **from a NON-CAMPEP-accredited master's or Ph.D. program** with advanced calculus-based physics courses, he/she may enroll into a **post-bachelor's track (two-year coursework + two-year clinical radiotherapy physics residency training)**.
7. Once students are accepted into the UNLV DMP program, he/she will be eligible for ABR part 1 exam if they meet the following criteria:
  - (1) be enrolled in and in good standing with UNLV CAMPEP-accredited DMP program. The program director will attest that the candidate has completed or will complete the core graduate curriculum, as described by CAMPEP, prior to the date of the exam;

The core graduate curriculum includes:

HPS 676 - Sectional Anatomy

HPS 701 - Applied Nuclear Physics

HPS 730 - Advanced Radiation Biology

HPS 703 - Radiation Interactions and Transport

HPS 602 - Radiation Detection

HPS 720 - Radiation Dosimetry

HPS 742 - Radiation Therapy Physics

HPS 740 - Medical Imaging Physics

HPS 792 - Ethics for Medical Physicists

Or

- (2) have graduated from a UNLV CAMPEP-accredited DMP program
  - (3) Please refer to [www.therabr.org](http://www.therabr.org) for the Part 1 registration process
8. For UNLV DMP students, in order to be eligible for ABR part 2 exam, they must meet the following criteria:
    - (1) Have passed the Medical Physics Part 1 exam (general and clinical).
    - (2) Have completed UNLV CAMPEP-accredited DMP program by August 31 of the year in which the Part 2 exam is to be taken (i.e. the student has finished the CAMPEP-accredited residency training with the attestation from the program director).

- (3) The students who completed UNLV CAMPEP-accredited DMP program prior to the year in which they are applying for the Part 2 exam must also provide documentation of current employment as a medical physicist.
9. UNLV DMP students who have passed all of the Part 1 computer-based exam and their therapeutic medical physics Part 2 computer-based exam(s) are eligible to take the Part 3 (Oral) Exam.