



UNIVERSITY *of* ALASKA ANCHORAGE

Post-Baccalaureate Certificate in Pre-Medical Studies
Academic Assessment Plan

Adopted by

The Post-Baccalaureate Certificate in Pre-Medical Studies
faculty: 12/9/2020

Reviewed with curriculum changes by the Academic Assessment Committee as an information item: 4/21/23

Reviewed by the Faculty Senate as an information item: 5/5/23

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Reviewed by the Faculty Senate as an information item: 3/5/21

MISSION STATEMENT

The aim of this program is to enable students who already hold a Baccalaureate degree to meet their pre-requisite course work requirements and, at the same time, prepare themselves appropriately for the MCAT exam and for their future medical studies.

PROGRAM STUDENT LEARNING OUTCOMES

Students graduating with a Post-Baccalaureate Certificate in Pre-medical studies will be able to:

- Demonstrate an understanding of the core concepts in organic chemistry, biochemistry, genetics, including molecular genetics, and cell biology
- Demonstrate an understanding of the core concepts associated with the disciplines that are assessed as part of the Medical College Admissions Test, MCAT that is administered by the Association of American Medical Colleges.
- Demonstrate the successful completion of the majority of the pre-requisite courses required for admission to the MD program administered by the Alaska WWAMI School of Medical Education

MEASURES

The following measures will be used to assess the program:

- The Overall GPA from the students' baccalaureate degrees.
- The Science GPA from the students' baccalaureate degrees. The Science GPA will be calculated from the Biology, Chemistry, Physics and Mathematics courses included in their Baccalaureate Program.
- The Overall GPA from the students' Post-Baccalaureate Certificate.
- The Core Course GPA from the students' Post-Baccalaureate Certificate. The Core Course GPA will be calculated from the students grades in: CHEM A321: Organic Chemistry 1, CHEM A441: Biochemistry 1, BIOL A242: Fundamentals of Cell Biology; and BIOL A252: Principles of Genetics).
- The number of the credit hours that students complete as part of the Post-Baccalaureate Certificate.
- The number of semesters that students use to complete the requirements of the Post Baccalaureate Certificate.
- The percentage of Post Baccalaureate Certificate graduates who apply to medical school.

PROCESS

Students will submit copies of their baccalaureate transcript to UAA as part of the admissions process. Program staff will use these college records to determine the overall and science GPA scores that the students obtained during their baccalaureate program. These values will enable us to evaluate the academic readiness of students entering the Post-Baccalaureate Program.

Program staff will have access to the students' post-baccalaureate certificate transcripts through UAOnline. Program staff will use these college records to determine the students' overall GPA and Core-Course GPA. They will use these values to assess students understanding of the core concepts described above. They will also compare these values to the students' baccalaureate GPA scores to assess the degree to which the students have improved academically over the course of the certificate.

Program staff will also use these college records to determine the number of credit hours and the number of semesters that students require to complete the certificate. These values will enable them to assess the ability of students to complete the program in a timely and efficient manner.

Students who are taking part in the post-baccalaureate program will meet regularly with pre-medical advisors affiliated with the Alaska WWAMI program. The advisors will record whether students apply to medical school. This information will enable program staff to assess the effectiveness of the program in ensuring graduates are eligible to apply.