Post-Baccalaureate Certificate in Pre-Medical Studies

The Post-Baccalaureate Certificate in Pre-Medical Studies prepares students for medical school (MD, DO, DPM and equivalent degree programs)

Admission Requirements

• Complete the Admission Requirements for Post-Baccalaureate Certificates (http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/postbaccalaureate/).
• Complete a baccalaureate degree with a minimum cumulative GPA of 2.75.
• Submit a letter of recommendation from a faculty member of the Alaska WWAMI School of Medical Education’s Pre-Medical Advising Committee to the UAA Office of Admissions.

Special Considerations

• Post-Baccalaureate certificates are subject to specific restrictions on the use of transfer credits. See Post-Baccalaureate Policies (http://catalog.uaa.alaska.edu/undergraduateprograms/postbaccalaureaterequirements/policies/) for details.
• Students who have not completed the necessary prerequisites for courses listed in the certificate requirements as part of their earlier baccalaureate degree program or other studies will need to complete those prerequisite courses in order to take the relevant courses listed in the certificate requirements.
• Students interested in the Post-Baccalaureate Certificate in Pre-Medical Studies should consult with a faculty member of the Alaska WWAMI School of Medical Education’s Pre-Medical Advising Committee before enrolling in this program. A letter of recommendation will be provided to interested students following this consultation.

Graduation Requirements

• Complete the General University Requirements for Post-Baccalaureate Certificates (http://catalog.uaa.alaska.edu/undergraduateprograms/postbaccalaureaterequirements/).
• Complete the following major requirements with a minimum grade of C:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></td>
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</tr>
<tr>
<td>BIOL A242</td>
<td>Fundamentals of Cell Biology (^1)</td>
<td>3</td>
</tr>
<tr>
<td>or BIOL A252</td>
<td>Principles of Genetics</td>
<td></td>
</tr>
<tr>
<td>CHEM A321</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM A441</td>
<td>Principles of Biochemistry I</td>
<td>3</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Complete 15 credits of electives from the following:</td>
<td>15</td>
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AKNS A201 Alaska Native Perspectives
ANTH A202 Cultural Anthropology
BIOL A108 Principles and Methods in Biology
BIOL A242 Fundamentals of Cell Biology
BIOL A243 Experiential Learning: Cell Biology and Genetics
BIOL A252 Principles of Genetics
BIOL A310 Principles of Animal Physiology
BIOL A412 Behavioral Endocrinology
BIOL A413 Neurophysiology
BIOL A452 Human Genome
BIOL A471 Immunology
BIOL A498 Individual Research \(^2\)
BIOM A418 Human Gross Anatomy
CHEM A105 General Chemistry I
CHEM A105L General Chemistry I Laboratory
CHEM A106 General Chemistry II
CHEM A106L General Chemistry II Laboratory
CHEM A322 Organic Chemistry II
CHEM A323L Organic Chemistry Laboratory
CHEM A442 Principles of Biochemistry II
CHEM A498 Individual Research \(^2\)
DN A475 Advanced Nutrition \(^2\)
HS A370 Social and Cultural Determinants of Health
HS/NS A433 Health Education: Theory and Practice
JUST A310 Forensic Science and Criminal Justice
JUST A366 Substance Use and Crime
MATH A151 College Algebra for Calculus
MATH A251 Calculus I
or MATH A251F F.A.T. Calculus I
MATH A252 Calculus II
or MATH A252F F.A.T. Calculus II
MATH A314 Linear Algebra
MBIO A340 Microbial Biology
MBIO A342 Experiential Learning: Microbial Biology
MBIO A410 Microbial Physiology
MBIO A462 Virology
PHIL A302 Biomedical Ethics
PHYS A123 College Physics I
PHYS A124 College Physics II
PSY A111 Introduction to Psychology
PSY A150 Lifespan Development
PSY A345 Psychopathology
PSY A370 Behavioral Neuroscience
PSY A498 Individual Research \(^2\)
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SOC A101</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC A363</td>
<td>Social Stratification</td>
</tr>
<tr>
<td>SOC A377</td>
<td>Sociology of Gender</td>
</tr>
<tr>
<td>SOC A408</td>
<td>Sociology of Race and Ethnicity</td>
</tr>
<tr>
<td>STAT A253</td>
<td>Applied Statistics for the Sciences</td>
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<tr>
<td>SWK A342</td>
<td>Human Behavior in the Social</td>
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<td>Environment</td>
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<tr>
<td>SWK A409</td>
<td>Introduction to Child Welfare</td>
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<tr>
<td>WSGS A200</td>
<td>Introduction to Women’s and</td>
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<td>Gender Studies</td>
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Advisor approved elective

Total 24

1 BIOL A242 and BIOL A252 can only count towards the credit requirement in one area. They cannot be counted towards both the core requirement and the elective credit requirement.

2 In combined total, no more than 6 credits of BIOL A498, CHEM A498, and PSY A498 can count toward the 24 credits required for graduation. Additional credits can be taken but will not count toward this certificate.

A minimum of 24 credits is required for the certificate, of which 15 credits must be upper-division.