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 (https://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/postbaccalaureate/).
- Complete a baccalaureate degree with a cumulative grade point average (GPA) of 2.75.

Special Considerations

- Post-Baccalaureate certificates are subject to specific restrictions on the use of transfer credits. See Post-Baccalaureate Policies (https://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.

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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL A242</td>
<td>Fundamentals of Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>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>
</tr>
<tr>
<td>Electives</td>
<td>Complete 15 credits of electives from the following:</td>
<td>15</td>
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<tr>
<td>AKNS A201</td>
<td>Alaska Native Perspectives</td>
<td></td>
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<tr>
<td>ANTH A202</td>
<td>Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>BIOL A108</td>
<td>Principles and Methods in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL A242</td>
<td>Fundamentals of Cell Biology</td>
<td></td>
</tr>
</tbody>
</table>

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                           |         |
HS A370    | Medical Sociology                            |         |
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                                   |         |
MATH A252  | Calculus II                                  |         |
MATH A314  | Linear Algebra                               |         |
MBIO A340  | Microbial Biology                            |         |
MBIO A342  | Experiential Learning: Microbial Biology     |         |
MBIO A410  | Microbial Physiology                         |         |
MBIO A420  | Pathogenic Microbiology                      |         |
MBIO A421  | Experiential Learning: Pathogenic Microbiology |         |
MBIO A452  | Microbial Genetics                           |         |
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   | Abnormal Psychology                          |         |
PSY A370   | Behavioral Neuroscience                      |         |
PSY A498   | Individual Research                          | 2       |
SOC A101   | Introduction to Sociology                    |         |
SOC A363   | Social Stratification                        |         |
SOC A377   | Sociology of Gender                          |         |
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<table>
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<tr>
<th>Course</th>
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<tbody>
<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>
</tr>
<tr>
<td>SWK A342</td>
<td>Human Behavior in the Social Environment</td>
</tr>
<tr>
<td>SWK A409</td>
<td>Introduction to Child Welfare</td>
</tr>
<tr>
<td>WSGS A200</td>
<td>Introduction to Women's and Gender Studies</td>
</tr>
</tbody>
</table>

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, PSY A498, can count toward the 24 credits required for graduation; however, more can be taken.

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