



- | Basic Requirements  |                                    | 30 credits                         |   |
|---|------------------------------------|------------------------------------|---|
| English Composition – 5 credits   |                                    | <input type="checkbox"/> ENGL& 101 | 5 |
| Mathematics – 25 credits  |                                    | <input type="checkbox"/> MATH& 151 | 5 |
|   |                                    | <input type="checkbox"/> MATH& 152 | 5 |
|   |                                    | <input type="checkbox"/> MATH& 163 | 5 |
|   |                                    | <input type="checkbox"/> MATH 220  | 5 |
|   |                                    | <input type="checkbox"/> MATH 238  | 5 |
| Distribution Requirements   |                                    | 15 credits                         |   |
| <b>Visual, Literary and Performing Arts (VLPA) &amp; Individuals, Cultures and Societies (IC&amp;S)</b><br><br>15 combined credits in VLPA -AND- IC&S<br>Minimum 5 credits in each area <div>Recommended IC&amp;S course: ECON&amp;201 or ECON&amp;202</div>  | <input type="checkbox"/> VLPA:     | 5                                  |   |
|   | <input type="checkbox"/> IC&S:     | 5                                  |   |
|   | <input type="checkbox"/>           | 5                                  |   |
| Physics & Chemistry Requirements  |                                    | 21 credits                         |   |
| <b>Physics – 15 credits</b><br><br>PHYS& 221 prerequisite: MATH& 151 with 2.0 or higher.<br>PHYS& 222 prerequisite: MATH& 152 and PHYS&221 with 2.0 or higher.<br><br><b>Chemistry – 6 credits</b><br><br>CHEM&161 prerequisite: CHEM&139 with 2.0 or higher or passing score on chemistry placement exam, AND MATH&141 with a 2.0 or higher.   | <input type="checkbox"/> PHYS& 221 | 5                                  |   |
|   | <input type="checkbox"/> PHYS& 222 | 5                                  |   |
|   | <input type="checkbox"/> PHYS& 223 | 5                                  |   |
|   | <input type="checkbox"/> CHEM&161  | 6                                  |   |
| Engineering Core  |                                    | 10 credits                         |   |
| CSC 142 prerequisite: Completion of MATH& 141 and CSC 110 with 2.0 or higher<br>ENGR& 204 prerequisite: Completion of PHYS& 222 and MATH& 152 with 2.0 or higher  | <input type="checkbox"/> CSC 142   | 5                                  |   |
|   | <input type="checkbox"/> ENGR& 204 | 5                                  |   |
| Engineering Electives   |                                    | 25-26 credits                      |   |
| <b>Select a minimum of 5 courses in consultation with an advisor.</b> Electives should be chosen to prepare for your intended major and your intended transfer institution(s).<br><br>Any course from the list below may be used as an elective.<br><br><div>             ENGR&amp; 214 (5), 215(5), 224 (5)<br/>             BIOL&amp; 211 (5)<br/>             CHEM&amp; 162 (6)           </div> <div>             CSC 143 (5)<br/>             ENGL&amp; 235 (5)<br/>             MATH 224 (5)           </div> | <input type="checkbox"/>           |                                    |   |
|   | <input type="checkbox"/>           |                                    |   |
|   | <input type="checkbox"/>           |                                    |   |
|   | <input type="checkbox"/>           |                                    |   |
|   | <input type="checkbox"/>           |                                    |   |
|   | <input type="checkbox"/>           |                                    |   |
|   | <b>Total credits: 101-102</b>      |                                    |   |
- Computer and Electrical Engineering programs are competitive and may require a higher GPA than 2.0 overall. Minimum GPA requirements are established by each participating institution. Meeting the minimum GPA does not guarantee admission.
  - Admission deadlines for transfer institutions vary, and students are required to meet the transfer admission deadline.
  - Students are strongly encouraged to enroll in math and science sequence courses at a single institution and, if possible, not break up sequenced courses between institutions.
  - Certain institutions may have additional “institution-specific” requirements for admission to the institution that are not prerequisites specifically identified in the Computer and Electrical Engineering AS-T/MRP requirements.
- Create an Education Plan with your advisor to plan out your courses for this degree and transfer university requirements.

For more information, please visit: [www.southseattle.edu/advising](http://www.southseattle.edu/advising)



## Areas of Knowledge Distribution Requirements for AA-DTA, AB, AS-T

For the most current course offerings that satisfy Areas of Knowledge Distribution Requirements, consult the class schedule and filter by Course Attribute/Course Attribute Value: [southseattle.edu/class-schedule](https://southseattle.edu/class-schedule). Course offerings for each area of knowledge may differ at other colleges and may be transferred to satisfy requirements at South Seattle College.

<b>Visual, Literary &amp; Performing Arts (VLPA)</b>	<p>Subjects include: <b>ART, CMST, DRMA, ENGL, HUM, MUSC, SPAN</b></p> <p>Maximum 10 credits per subject.</p> <p>No more than 5 credits of world language may be used in this category.</p> <p>No more than 5 credits of a studio/performance may be used in this category. <b>ART</b> 101, 111, 112, 113, 201, 202, 203, 210, 214, 215, 220, 221, 222, 223, 224, <b>DRMA</b> 120, <b>MUSC</b> 126, 127, 128, 140, 167, and all individual instruction MUSC courses.</p>
<b>Individuals, Cultures &amp; Societies (IC&amp;S)</b>	<p>Subjects include: <b>AME, ANTH, ART*, CMST*, ECON, ENVS, GEOG, HIST, HUM*, INFO*, PHIL, POLS, PSYC, SOC, WMN</b> <i>subjects with asterisk* indicate that NOT ALL courses in that subject will satisfy this requirement.</i></p> <p>Maximum 10 credits per subject.</p>
<b>Natural World (NW)</b>	<p>Subjects include: <b>ASTR, BIOL, CHEM, ENVS, GEOL, HEA, NUTR, PHYS</b></p> <p>Maximum 10 credits per subject.</p> <p>Minimum 5 credits must be in lab science.</p>
<b>Restricted Natural World (NW)</b>	<p>Maximum 5 credits from the following subjects: <b>CSC, ENGR, PSCY 222, MATH</b> numbered 102 and above (professional/technical math courses not allowed).</p>
<b>ELECTIVES</b>	<p>All College Transfer courses numbered 100 or above may be used as electives. Courses titled "Independent Study, Seminar, Special Problems and Special Topics" may be used as Electives only.</p> <p>Maximum of 3 credits <b>PEC</b>.</p> <p>Maximum 15 credits of restricted electives, which include <b>HDC, INFO, STEM</b>, and all professional-technical courses numbered 100 or above.</p>

## Special Requirements (AA and AB only)

Within the 90 credits required for the AA and AB degrees, students must complete special requirements, which overlap across multiple distribution areas. Check the online class schedule for current offerings.

<b>US Cultures</b>	<b>AME</b> 110, 201, 202, 203, <b>ANTH</b> 272, <b>CMST</b> 205, 260, <b>DRMA</b> 125, <b>ENGL</b> &245, &246, 231, 258, 260, <b>GEOG</b> 272, 277, <b>HIST</b> &146, &147, &148, &214, 140, <b>HUM</b> 105, 151, 201, 210, <b>MUSC</b> 116, 117, 160, 161, <b>PHIL</b> 111, <b>POLS</b> &202, 210, 249, 264, <b>PSYC</b> 245, <b>SOC</b> &101, 245, 249, <b>WMN</b> 200
<b>Communication</b>	<b>CMST</b> &101, &210, &220, &230, 155, 205, 245, 260, 275, <b>DRMA</b> 105, <b>DRMA</b> 125, <b>ENGL</b> &237, 119, 151, 152, 293, <b>HUM</b> 105, 119, 130, 151, <b>POLS</b> &201, <b>PSYC</b> &200, 245, <b>SOC</b> 245
<b>Global Studies</b>	<b>ANTH</b> &100, 206, 227, <b>ART</b> 170, <b>BIOL</b> 150, <b>CMST</b> &101, <b>DRMA</b> 105, <b>ECON</b> &202, <b>ENGL</b> &256, 116, 119, 252, 261, 293, <b>ENVS</b> &100 150, 160, <b>GEOG</b> &100, <b>HIST</b> &126, <b>HIST</b> &127, 128 170, 211, <b>HUM</b> 107, 119, 120, 126, 130, 220, <b>MUSC</b> 109
<b>Integrated Studies</b>	<b>AME</b> 110 201, <b>ANTH</b> &227, <b>ART</b> &100, 170, <b>ASTR</b> 125, <b>DRMA</b> 105, 125, <b>ECON</b> &202, <b>ENGL</b> &245, &246, &256, 119, 252, 258, 260, 269, <b>ENVS</b> 150, <b>ENVS</b> 160, <b>HIST</b> &126, &127, &146, &147, &148, &214, 140, 211, 240, <b>HUM</b> 105, 107, 119, 120, 130, 151, 210, <b>MUSC</b> 109, 116, 117, 160, 161, <b>PHIL</b> &101, 111, <b>POLS</b> &202, &203, 210, <b>PSYC</b> 245, <b>WMN</b> 200, 269