
Transfer Degree Requirements

Associate in Arts (AA)

Associate in Arts – Major Related Program (MRP)

Associate in Fine Arts (AFA)

Associate in Science Transfer – Track 1 (AST 1)

Associate in Science Transfer – Track 2 (AST 2)

Associate in Science Transfer – Major Related Program (MRP)

Associate in Applied Science – Transfer (AAS-T) (*Early Childhood Education only*)

Washington 45 – One Year Transfer Courses

Associate in Arts (AA) Degree Intent

The Associate in Arts (AA) degree is designed for students planning to transfer to a four-year institution to pursue a bachelor's degree program. The degree, in most cases, meets the first two (2) years of general education requirements at the senior institution. There are exceptions; please check with the transfer institution for additional information. Most students transferring with the AA degree will be granted junior standing upon entry to the senior institution.

The standard Associate in Arts degree is also known as a Direct Transfer Agreement (DTA) Associate degree.

AA – DTA Degree Options:

A student may not earn more than one (1) DTA degree at Clark College. Students are advised to carefully examine the differences in the degree requirements where there is more than one choice within a major field and be sure that their transfer intent is in line with the degree chosen. Please note that all AA – MRP listings above are Direct Transfer Agreements (DTA).

AA – DTA

- General Transfer
- Addiction Counselor Education
- Business Administration – Transfer to WSU Vancouver
- Dental Hygiene
- Elementary Education – Transfer to WSU Vancouver
- Nursing – Transfer to WSU Vancouver

AA – MRP

- Biology
- Business Administration
- Elementary Education

- Math Education
- Pre-Nursing

See Section G of catalog for MRP curriculum

General Requirements for All Associate in Arts Degrees

- Complete a minimum of ninety (90) college-level credits.
- Maintain a minimum cumulative college-level GPA of 2.00 or higher.
- Thirty (30) credits minimum must be completed at Clark College to meet Academic Residency.
- Submit a graduation application by the appropriate deadline.

General Credit Restrictions

Credit by Department: Ten (10) credits maximum from any single department can be used to fulfill Humanities, Social Sciences and Natural Sciences distribution requirements.

World Language: Five (5) credits maximum in 100-level world language can be used to fulfill Humanities distribution requirements. Additional 100-level foreign language coursework can be used to meet Specified Elective requirements.

Debate Courses: Twelve (12) credits maximum in CMST 171, 172, 173, 271, 272, and 273 can apply toward the degree.

Physical Education Activity: Six (6) credits maximum in PE activity can apply toward the degree. Eligible Health/Physical Education courses (HPE) count as one (1) PE activity credit. PE credits can apply to the degree as follows:

- One (1) credit in PE activity
- Two (2) credits in Specified Electives
- Three (3) credits in General Electives

Non-Traditional Coursework: Fifteen (15) credits maximum in non-traditional coursework can apply toward the degree. This includes AP, IB, CLEP, Cooperative Work Experience, Credit-by-Challenge, Military Experience, Special Projects, and Tech Prep for the AA degree only.

Pass/Fail Grading Option: Thirty (30) credits maximum in courses with Pass/Fail grading option can apply toward the degree, with the exception of the AA Nursing degree which exceeds this limit because of clinical requirements.

General Restrictions

1. A course can apply toward only one (1) distribution requirement (i.e., Communication Skills, Quantitative Skills, Humanities, Social Sciences and Natural Sciences). The exception is for Oral Communications, which is a local degree requirement. When meeting the Oral Communications requirement, the same course can be applied to the degree requirement and to the distribution area.
2. Excess credits earned in distribution areas (i.e., Communication Skills, Quantitative Skills, Humanities, Social Sciences and Natural Sciences) can be used to fulfill the Specified Elective requirement.
3. Credit by Challenge coursework will meet academic residency requirements.

Associate in Arts (AA) – General Transfer

General Education Requirements

Communication Skills [C] – 10 credits minimum

To fulfill the communications requirement for the AA general transfer degree, students must:

1. Take ENGL& 101 or ENGL 135 at five (5) credits;

AND EITHER:

2a. Take another five- (5) credit English composition course (ENGL& 102 or 235, or ENGL 109 or 110).

OR

2b. Take another three- (3) credit English composition course (ENGL 108, 109 or 110 (taken when three (3) credits) or ENGL 212/BUS 211); AND take a five- (5) credit communication studies course (CMST& 210, 220, or 230).

Quantitative Skills [Q] – 5 credits

Complete a minimum of five (5) credits of coursework 100-level or above with an intermediate algebra prerequisite from the list of courses below:

- BUS 203, 204
- CSE 120, 121, 222, 223, 224
- ENGR 240
- ENVS 135
- MATH 103, 105, 111, 120, 121, 122, 123, 124, 135, 140, 203, 204, 205, 215, 221
- MATH& 107, 148, 151, 152, 153, 254

Health & Physical Education [HE, HPE, PE] – 3 credits

Complete three (3) credits from either option one or option two:

Option One: Complete two (2) credits of Health from the list below AND one (1) credit of any college-level PE activity course:

- HLTH 100, 101, 103, 104, 206, 207, 208, 210, or 278
- PE activity

Option Two: Complete three (3) credits from one (1) of the courses listed below:

- HPE 258 or 266

Oral Communication [OC] – 5 credits

Clark students must complete a course in oral communication effective Fall 2011. Students may apply this course within the Humanities, Social Sciences, or Communication Skills distribution area or count the course as a specified elective. At Clark the options are as follows:

- CMST&210, 220, or 230 (all 5 credits)

Distribution Requirements

Complete a minimum of forty-five (45) credits from the distribution requirements.

Note: Some specific requirements of a program may also meet the General Education requirements.

Humanities [HA, HB] – 15 credits

Select courses from at least two (2) subject areas for a minimum of fifteen (15) credits. You may include no more than 10 credits from any one subject area. A maximum of five (5) credits of “B” list coursework may be applied. A maximum of five (5) credits of 100-level foreign language can be applied.

Social Sciences [SS] – 15 credits

Select courses from at least three (3) subject areas for a minimum of fifteen (15) credits. You may include no more than ten (10) credits from any one subject area.

Natural Sciences [NS] – 15 credits

Select courses from at least two (2) subject areas for a minimum of fifteen (15) credits. You may include no more than ten (10) credits from one subject area. You must include at least one lab science. MATH and CTEC courses do not fulfill this requirement, except MATH 135.

Elective Requirements

Complete a total of twenty-seven (27) credits from courses numbered 100 and above. The two areas of Electives are listed below. No more than 15 credits can be taken from the General Elective area.

Specified Electives [SE] – Courses that apply: [C, Q, HA, HB, SS, NS, SE, HE, HPE, PE, OC] – 12 credits

A maximum of two (2) credits in PE activity can apply toward this area. Courses coded as HPE count as one (1) credit of PE activity.

General Electives [GE] – 15 credits

These courses may be vocational in nature from Career and Technical education courses. The transferability of the Career-Technical courses and any ENL 100-level courses is determined by the receiving baccalaureate institution.

Note: Coursework in ESL or FLPC cannot apply to the AA degree program.

Distribution List for Associate in Arts Degree – General Transfer

Note: Some distribution requirements may be met by major area courses.

Humanities [List A=HA, List B=HB] – 15 credits

Select courses from the list below. Select from at least two (2) subject areas for a minimum of fifteen (15) credits. You may include no more than ten (10) credits from any one subject area. A maximum of five (5) credits of “B” list coursework may be applied. A maximum of five (5) credits of 100-level foreign language can be applied.

Art (ART)

List A: 118, 131, 151, 172, 220, 221, 222, 223, 225, 226, 250

List B: 103, 104, 105, 110, 115, 116, 117, 137, 138, 140, 141, 142, 145, 146, 168, 169, 170, 173, 174, 175, 177, 178, 179, 180, 181, 189, 190, 191, 203, 204, 206, 207, 208, 257, 258, 259, 260, 261, 262, 270, 271, 273, 274, 278, 290, 295, 296, 297

Biology (BIOL – List A only)

BIOL 180

Communication Studies (CMST/CMST&)

List A: CMST 216, 240; CMST& 102, 210, 220 or 230

List B: CMST 171, 172, 173, 271, 272, 273

Drama (DRMA/DRMA&)

List A: DRMA& 101

List B: DRMA 140, 141, 142, 143, 144, 145, 150, 152, 171, 172, 173, 240, 243, 244, 245, 250, 271, 272, 273

English (ENGL)

List A: ENGL 130, 131, 132, 133, 140, 143, 145, 150, 152, 156, 260, 261, 262, 264, 265, 266, 267, 268, 269, 270, 272

List B: ENGL 121, 122, 123, 125, 126, 275, 276, 290

Humanities (HUM/HUM& – List A only)

HUM& 101; HUM 102, 103, 112, 152, 180, 210

Journalism (JOUR)

List A: JOUR 101

Music (MUSC/MUSC&)

List A: MUSC 100, 116, 117, 118, 125, 127, 135; MUSC& 104, 141, 142, 143, 231, 232, 233

List B: MUSC 101, 103, 106, 110, 115, 137, 138, 139, 146, 150, 151, 152, 153, 154, 155, 170, 171, 172, 173, 174, 175, 176, 177, 178, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 193, 195, 196, 197, 201, 202, 210, 237, 238, 239, 250, 251, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275, 276, 277, 278, 280, 281, 282, 283, 284, 285, 287, 288, 289, 290, 295, 296, 297; MUSC& 121, 122, 123, 221, 222, 223

Philosophy (PHIL/PHIL& – List A only)

PHIL 115, 116, 117, 160, 240, 251, 280, 290; PHIL& 101, 106

Women's Studies (WS – List A only)

WS 101, 201, 210

World Language (ASL&, CHIN&, FRCH/FRCH&, GERM&, JAPN&, SPAN/SPAN&)

List A: ASL& 121, 122, 123, 221, 222, 223; CHIN& 121; FRCH& 121, 122, 123, 221, 222, 223, 290; GERM 290, GERM& 121, 122, 123, 221, 222, 223; JAPN& 121, 122, 123, 221, 222, 223; SPAN 290, SPAN& 121, 122, 123, 221, 222, 223

List B: FRCH 141, SPAN 141

Social Sciences [SS] – 15 credits

Select courses from at least three (3) subject areas for a minimum of fifteen (15) credits. You may include no more than ten (10) credits from any one subject area.

Anthropology – ANTH& 204, 206, 215

Communication Studies – CMST& 230

Criminal Justice – CJ& 101

Economics – ECON 101, 107, 110, 111, 112, 120; ECON& 201, 202

Environmental Science – ENVS 231

Geography – GEOG 101, 107

History – HIST 231, 251, 252, 253; HIST& 126, 127, 128, 146, 147, 148, 215

Humanities – HUM 210

Political Science – POLS 111, 131, 141, 151, 152, 153, 231, 251, 252, 253; POLS& 203

Psychology – PSYC 203; PSYC& 100, 200,

Sociology – SOC 121, 211, 220 SOC& 101, 201

Women's Studies – WS 101, 201, 210

Natural Sciences [NS] – 15 credits

Select courses from at least two (2) subject areas for a minimum of fifteen (15) credits. You may include no more than ten (10) credits from one subject area. You must include at least one lab science. Lab courses are denoted by the letter “L”.

1. Agriculture – AG 175L
2. Anthropology – ANTH& 215L
3. Astronomy – ASTR& 101L
4. Biology – BIOL& 100L, 221L, 222L, 223L, 251L, 252L, 253L, 260L,
BIOL 101,139, 140, 141, 142, 143, 145, 146, 150L, 164, 165L, 167, 168L, 180, 208L, 224L,
5. Chemistry – CHEM& 110L, 121L, 131L, 141, 142, 143, 151L, 152L, 153L, 241, 242, 243, 251L,
252L, 253L
6. Environmental Science – ENVS 109L, 135, 210L, 211L, 218L, 221L
7. Geology – GEOL& 101L, 103L, GEOL 102L, 109, 218
8. Humanities – HUM 180
9. Mathematics – MATH 135
10. Meteorology – METR& 101L
11. Nutrition – NUTR 103
12. Physical Science – PHSC 101L, 102L, 104L, 106, 110L
13. Physics – PHYS& 100, 101L, 121L, 122L, 123L, 221L, 222L, 223L

Specified Electives

All courses numbered 100 and above (except 199 and 290) in the departments listed below may be used to meet the Specified Elective portion of the degree (some departments have chosen specifically listed courses only or have excluded specific courses).

Accounting – ACCT& 201, 202, 203 only

Addiction Counseling – ACED 101 only

American Sign Language

Anthropology

Art

Astronomy

Biology

Business – BUS& 101, 201, BUS 203, 204, 211 only

Chemistry

Chinese

Communication Studies – excluding 212, 280

Computer Science & Engineering
Computer Technology – CTEC 100, 120, 121, 123, 124, 125, 224 only
Drama
Early Childhood Education – 121, 137, 138 only
Economics
Education – EDUC& 201 only
Engineering – excluding ENGR& 110 and 130
English
Environmental Science
Forensic Science
French
Geography
Geology
German
Health – excluding HLTH 120 and 121
Health & Physical Education – HPE counts as one (1) credit of physical education
History
Humanities
Japanese
Journalism – JOUR 101 only
Mathematics
Meteorology
Music
Nutrition
Paralegal 212
Philosophy
Physical Education (2 credit maximum in activity courses for specified electives)
Physical Science
Physics
Political Science
Psychology
Sociology
Spanish
Women's Studies

General Electives

These courses may be vocational in nature from Career and Technical education courses. The transferability of the Career-Technical courses and any ENL 100-level courses is determined by the receiving baccalaureate institution. Clark College has a three (3) credit maximum for physical education activity.

Associate in Arts – Major Related Programs (MRP)

To help transfer students better prepare for their junior year, two-year and four-year institutions are working together to create transfer associate degrees outlining the appropriate courses in order for students to be well prepared to enter their chosen major upon transfer. The MRP degrees follow the Direct Transfer Agreement (DTA) format of the Associate in Arts degree.

The DTA/MRP pathway is applicable to students planning to prepare for the following majors at various universities in Washington. Clark College offers the following Associate in Arts – DTA/MRP in:

- Biology
- Business
- Elementary Education
- Math Education
- Pre-Nursing

The MRP degrees listed above have slightly different graduation requirements than other Clark transfer degrees because the curriculum was created via an articulation agreement between Washington two-year and four-year schools. Most notably, AA – MRP degrees do not share Clark's requirement for HPE or Oral Communication (though some of these degrees do require a CMST class). Clark students are encouraged to take HPE or oral communication courses, where appropriate, in case their degree choice changes. General Education requirements and general credit restrictions are identical. Please see Section G: Major Related Programs (MRPs) for curriculum.

Associate in Arts – Option B (AAB)

The Option B degree is designed for students who are certain of the specific four-year program to which they will transfer. Students can design a program to fulfill the senior institution's general admission and program entry requirements. After completion of the program, the student will be awarded an Associate in Arts degree that fulfills the lower-division requirements for the department to which they are applying at the baccalaureate-granting institution. This degree is not a transferrable DTA.

General Education Requirements

- Complete a minimum of ninety (90) college-level credits as authorized for transfer by the four-year institution's representative and/or the student's faculty advisor.
- Maintain a minimum cumulative college-level GPA of 2.00 or higher.
- Thirty (30) credits minimum must be completed at Clark College to meet Academic Residency.
- Select courses that meet the senior institution's general distribution requirements plus any special proficiency requirements for entrance. The student should be prepared to provide a copy of the senior institution's current catalog to their Clark College advisor for assistance in program planning.
- Students must be aware that this degree program is NOT a program that adheres to the Direct Transfer Agreement. Students will be required to complete the senior institution's general undergraduate degree requirements.
- Associate in Arts – Option B degree candidates must present to the Credential Evaluations Office, at least two (2) quarters prior to graduation, a copy of their Option B Plan that has been created with their advisor together with any supporting documentation.

AA – Option B Distribution Requirements

Courses should be selected in order to fulfill the senior institution's general education requirements (not Clark's) as defined in the transfer institution's catalog. Students need to meet the following requirements while fulfilling their Associate in Arts – Option B degree:

- Communication Skills: Five (5) credits
- Quantitative Skills: Five (5) credits
- Humanities: Ten (10) credits
- Social Sciences: Ten (10) credits
- Natural Sciences: Ten (10) credits, including one (1) laboratory science
- Foreign Language: Foreign language proficiency is not required for every degree program.*

** Students should consult with their senior institution's representative to confirm requirements. Clark College recommends that those students who did not fulfill foreign language proficiencies in high school take their foreign language while at Clark. Students must complete the 1st, 2nd and 3rd course sequence in a foreign language in order to fulfill foreign language requirements, where applicable. This means up to fifteen (15) credits of foreign language may need to be taken at Clark.*

Articulation Programs

Certain degree programs are offered at Clark College that have been set up in cooperation with four-year institutions. Program tracks that have been approved by Clark's Instructional Planning Team are eligible for Clark's Associate in Arts – Option B degree, even if they do not meet the core requirements. Intensive research, planning, and cooperation on the part of multiple institutions have gone into the development of these programs.

Associate in Fine Arts (AFA)

Degree Intent

This transfer preparation degree is designed for students planning to transfer to a senior institution to pursue a bachelor's degree program (BA or BFA) in fine arts. The degree programs focus on coursework specific to the intended major area of study at the senior institution. While coursework in general education, social sciences, and natural sciences is included, additional coursework in these areas will be required at the senior institution. It is important for students to meet with program-specific advisors to determine an appropriate educational plan. The AFA is NOT a direct-transfer agreement degree, so students need to be especially aware of requirements of the receiving senior institution.

Currently, Clark College offers two (2) Associate in Fine Arts degrees: one in Graphic Design and one in Studio Art. Please contact either the Art department or Computer Graphics Technology department for advising information.

General Requirements

- Complete a minimum of ninety (90) college-level credits in specified curriculum.
- Maintain a minimum cumulative college-level GPA of 2.00 or higher.
- Thirty (30) credits minimum must be completed at Clark College to meet Academic Residency.
- Submit a graduation application by the appropriate deadline.

General Credit Restrictions

Credit by Department: Ten (10) credits maximum from any single department can be used to fulfill the Humanities, Natural Sciences and Social Sciences distribution requirement.

World Language: Five (5) credits maximum in 100-level world language can be used to fulfill the Humanities distribution requirements. Additional 100-level world language coursework can be used to meet other electives or major requirements.

Debate: Twelve (12) credits maximum in CMST 171, 172, 173, 271, 272, and 273 can apply toward the degree.

Physical Education Activity: Six (6) credits maximum in PE activity can apply toward the degree. Eligible Health/Physical Education courses (HPE) count as one (1) PE activity credit.

Non-Traditional Coursework: Fifteen (15) credits maximum in non-traditional coursework. This includes AP, IB, CLEP, Cooperative Work Experience, Credit by Challenge, Military Experience, Special Projects, and Tech Prep.

Pass/Fail Grading Option: Thirty (30) credits maximum in courses with Pass/Fail grading option.

General Restrictions

A course can apply toward only one (1) distribution requirement (i.e., Communication Skills, Quantitative Skills, Humanities, Social Sciences and Natural Sciences). Excess credits earned in distribution areas (i.e., Communication Skills, Quantitative Skills, Humanities, Social Sciences and Natural Sciences) can be used to fulfill the Specified Elective requirement. Credit by Challenge coursework will meet Academic Residency requirements.

General Education Requirements

Communication Skills [C] – 5 credits

- Complete ENGL& 101.

Note: Students who have completed English 101 or its equivalent at less than five (5) credits may complete the communications requirement by completing any of the courses (or their appropriate transfer equivalents) in written or oral communications as defined within the Associate of Arts distribution requirements.

Quantitative Skills [Q] – 5 credits

- Complete a college-level course in quantitative skills, computer science or technology, or symbolic logic as determined by the AFA program department.

Health & Physical Education [HE, HPE, PE] – 3 credits

Complete three (3) credits from either option one or option two:

Option One: Complete two (2) credits of Health from the list below AND one (1) credit of any college-level PE activity course:

- HLTH 100, 101, 103, 104, 206, 207, 208 210, or 278
- PE activity

Option Two: Complete three (3) credits from one (1) of the courses listed below:

- HPE 258 or 266

Humanities [HA] – 5 credits

Select five (5) credits of coursework from the Humanities AA distribution list. Courses must be List A courses. The course completed cannot be part of the AFA major requirements.

Social Sciences [SS] – 5 credits

Select five (5) credits of coursework from the Social Sciences AA distribution list. The course completed cannot be part of the AFA major requirements.

Natural Sciences [NS] – 5 credits

Select five (5) credits of coursework from the Natural Sciences AA distribution list. The course completed must include a lab, which are denoted by the letter “L.” The course completed cannot be part of the AFA major requirements.

The balance of the program shall be defined by the major department and should be a minimum of 90 credits.

Associate in Science – Transfer

Degree Intent

The transfer preparation degrees are designed for students planning to transfer to a senior institution to pursue a bachelor's degree program in science and/or engineering. The degree programs focus on coursework specific to the intended major area of study at the senior institution. While coursework in general education, humanities, and Social Sciences is included, additional coursework in these areas will be required at the senior institution. It is important for students to meet with program-specific advisors to determine an appropriate educational plan.

General Requirements

- Complete a minimum of ninety (90) college-level credits in specified curriculum.
- Maintain a minimum cumulative college-level GPA of 2.00 or higher.
- Thirty (30) credits minimum must be completed at Clark College to meet Academic Residency.

General Credit Restrictions

Credit by Department: Ten (10) credits maximum from any single department can be used to fulfill the Humanities and Social Sciences distribution requirement.

World Language: Five (5) credits maximum in 100-level world language can be used to fulfill the Humanities distribution requirements.

Debate: Twelve (12) credits maximum in CMST 171, 172, 173, 271, 272, and 273 can apply toward the degree.

Physical Education Activity: Six (6) credits maximum in PE activity can apply toward the degree. Eligible Health/Physical Education courses (HPE) count as one (1) PE activity credit.

Non-Traditional Coursework: Fifteen (15) credits maximum in non-traditional coursework. This includes AP, IB, CLEP, Cooperative Work Experience, Credit by Challenge, Military Experience, Special Projects, and Tech Prep.

Pass/Fail Grading Option: Thirty (30) credits maximum in courses with Pass/Fail grading option.

General Restrictions

A course can apply toward only one (1) distribution requirement (i.e., Communication Skills, Quantitative Skills, Humanities, Social Sciences and Natural Sciences). Credit by Challenge coursework will meet Academic Residency requirements.

Associate in Science – Track 1 (AST1)

Associate in Science – Track 1 is for students intending to transfer into programs in:

AST1

Concentration Options:

- Biological Sciences
- Chemistry
- Earth Science
- Environmental/Resources Sciences
- Geology

AST1 – MRP

- Biology Education
- Chemistry Education
- General Science Education

** See Section G of the catalog for MRP curriculum**

General Education Requirements

Communication Skills [C] – 5 credits

- Complete ENGL& 101.

Quantitative Skills – 10 credits

- Complete MATH&151 and 152, or Math courses that have MATH&152 as a prerequisite.

Note: MATH& 151 (Calculus I) requires the successful completion of both MATH 103 (trigonometry) and MATH 111 (college algebra), or recommending score on an approved placement test prior to registration. These prerequisite courses can be used to fulfill elective requirements within the Associate in Science (AS) degree program.

Health & Physical Education [HE, HPE, PE] – 3 credits

Complete three (3) credits from either Option One or Option Two:

Option One: Complete two (2) credits of Health from the list below AND one (1) credit of any college-level PE activity course:

- HLTH 100, 101, 103, 104, 206, 207, 208, 210, or 278
- PE activity

Option Two: Complete three (3) credits from one (1) of the courses listed below:

- HPE 258 or 266

Humanities & Social Sciences [HA,SS] – 15 credits

Select five (5) credits of coursework from Humanities List A, five (5) credits of coursework from Social Sciences, and an additional five (5) credits of coursework from either area for a minimum of fifteen (15) credits. Humanities List A and Social Sciences courses must be selected from the Associate of Arts Distribution List.

Pre-Major Sequence – 45 to 52 credits

All students planning to earn the Associate in Science – Track 1 degree are required to complete the following course sequences. The sequences taken are dependent on the major of the student. **Sequences should be started and finished at the same institution to ensure proper transfer. Students MUST consult with faculty or advising staff to pick the correct sequences.**

1. Chemistry sequence (required of all) 16 credits
 - CHEM&141, 142, 143, 151L, 152L, 153L (16 credits)
2. Additional mathematics courses (required of all—**be sure to consult advisor to identify correct path**)—5 or 6 credits
 - MATH&153 or MATH 203 AND 204
3. One of the following sequence paths depending on the chosen major:
 - A. Biological Science
 - BIOL&221L, 222L, and 223L
 - Students should then consult with the baccalaureate institution to see which of these sequences should be taken: CHEM&241, 242, 243, 251L, 252L, and 253L; OR PHYS&121L, 122L, and 123L.

B. Chemistry and Geology Majors

- PHYS&221L, 222L, and 223L.

C. Environmental/Resource Sciences & Earth Science Majors

Complete 15 credits in one of the following three-course sequences (consult the baccalaureate institution for best information):

- BIOL&221L, 222L, and 223L, or
- PHYS&121L, 122L, and 123L, or
- PHYS&221L, 222L, and 223L

4. Science Electives (10 to 15 credits)

Complete an additional ten (10) to fifteen (15) credits (preferably in a two- or three-quarter sequence) in courses from the following list:

- Biology – BIOL 208L, 224L; BIOL& 221L, 222L, 223L, 251L, 252L, 253L, 260L
- Chemistry – CHEM& 241L, 242L, 243L, 251L, 252L, 253L
- Computer Science Engineering – CSE 101
- Engineering – ENGR 101, 102, 103
- Environmental Science – ENV 210, 211, 218L, 221
- Geology – GEOL102L, 218L; GEOL& 101, 103
- Math – MATH 203, 204, 205, 215, 221; MATH& 153, 254
- Physics – PHYS& 121L, 122L, 123L, 221L, 222L, 223L

Other Electives – 5 to 12 credits

Sufficient additional college-level credits so that total credits earned is at least 90 quarter credits. These remaining courses may include prerequisites for major courses (e.g., Math 103 and 111), additional major coursework, or specific general education or other university requirements, as approved by the advisor.

Associate in Science – Track 2 (AST2)

Associate in Science – Track 2 is for students intending to transfer into programs in:

AST2

Concentration Options:

- Atmospheric Science
- Computer Science
- Engineering
- Physics

AST2 – MRP

- Bioengineering and Chemical Engineering
- Computer and Electrical Engineering
- Mechanical/Civil/Aeronautical/Industrial/Materials Science Engineering
- Physics Education

See Section G of the catalog for MRP curriculum

General Education Requirements

Communication Skills [C] – 5 credits

- Complete ENGL& 101.

Quantitative Skills [Q] – 10 credits

- Complete MATH& 151 and 152, or Math courses that have MATH&152 as a prerequisite.

Note: MATH& 151 (Calculus I) requires the successful completion of both MATH 103 (trigonometry) and MATH 111 (college algebra), or recommending score on an approved placement test prior to registration. These prerequisite courses can be used to fulfill elective requirements within the Associate in Science (AS) degree program.

Health & Physical Education [HE, HPE, PE] – 3 credits

Complete three (3) credits from either Option One or Option Two:

Option One: Complete two (2) credits of Health from the list below AND one (1) credit of any college-level PE activity course:

- HLTH 100, 101, 103, 104, 206, 207, 208, or 210
- PE activity

Option Two: Complete three (3) credits from one (1) of the courses listed below:

- HPE 258 or 266

Humanities & Social Sciences [HA, SS] – 15 credits

Select five (5) credits of coursework from Humanities List A, five (5) credits of coursework from Social Sciences, and an additional five (5) credits of coursework from either area for a minimum of fifteen (15) credits. Humanities List A and Social Sciences courses must be selected from the Associate of Arts Distribution List.

Pre-Major Sequence – 25 credits

All students planning to earn the Associate in Science – Track 2 degree are required to complete the following course sequences. Please note that there are different sequences for Engineering and Non-engineering majors. The sequences taken are dependent on the major of the student. **Sequences should be started and finished at the same institution to ensure proper transfer. Students MUST consult with faculty or advising staff to pick the correct sequences.**

Engineering Major

1. Calculus-based Physics sequence – 15 credits

- PHYS& 221, 222, and 223

2. Chemistry with Lab

- CHEM&141, 151

3. Additional mathematics courses (required of all—**be sure to consult advisor to identify correct path**)—
5 or 6 credits

- MATH&153 or MATH 203 AND 204

Non-engineering Major

1. One of the Physics sequences—Consult with the baccalaureate institution to see which sequence is required—
15 credits

- PHYS& 121, 122, and 123 OR PHYS& 221, 222, and 223

2. Chemistry with Lab

- CHEM&141, 151

3. Additional mathematics courses (required of all—**be sure to consult advisor to identify correct path**)—
5 or 6 credits

- MATH&153 or MATH 203 AND 204

Elective Requirements – 32 credits

Students are again advised to consult with an advisor to ensure that the courses selected are the best fit for their major and transfer intent. Sequences should be started and finished at the same institution.

Engineering Major

Choose from the courses listed below:

- CHEM& 142, 143, 152, 153, 241, 242, 243, 251, 252, 253
- CSE 101, 120, 121, 222, 223, 224, 290
- CS& 131, 141
- ENGR& 104, 114, 204, 214, 215, 224
- ENGR 101, 102, 103 107, 109 113, 115, 120, 121, 140, 150, 221, 225, 239, 250, 252, 253, 270, 280
- MATH& 254
- MATH 215, 221

Non-engineering Major

The remaining credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. Students can choose from the following list:

- BIOL& 100, 101, 221, 222, 223, 224, 251, 252, 253, 260
- BIOL 101, 164, 165, 167, 168, 208
- CHEM& 142, 143, 152, 153, 241, 242, 243, 251, 252, 253
- CSE 120, 121, 222, 223, 224, 290
- CS& 131, 141
- ENGR& 104, 114, 204, 214, 215, 224
- ENGR 101, 102, 107, 109 113, 115, 120, 121, 140, 150, 221, 225, 239, 250, 252, 253, 270, 280
- ENVS 210, 218L
- MATH& 153, 254
- MATH 203, 204, 215, 221
- PHYS& 221, 222, and 223
- The pre-calculus courses (MATH 103 and 111) might also be used as electives if these courses had to be taken in preparation for the calculus sequence.

Associate in Science Transfer – MRPs

In addition to the general Associate in Science degree, there are several articulated programs that utilize the Associate in Science Tracks 1 and 2.

Associate of Science – Track 1:

- Biology Education
- Chemistry Education
- General Science Education

Associate of Science – Track 2:

Bioengineering and Chemical Engineering

Computer and Electrical Engineering

Mechanical/Civil/Aeronautical/Industrial/Materials Science Engineering

Physics Education

These degrees listed above have slightly different graduation requirements than other Clark transfer degrees because the curriculum was created via an articulation agreement between Washington two-year and four-year schools. Most notably, these AS degrees do not share Clark's requirement for HPE. Clark students are encouraged to take HPE, where appropriate, in case their degree choice changes. General Education requirements and general credit restrictions are identical. Please see Section G: Major Related Programs (MRPs) for curriculum.

Associate in Applied Science – Transfer Degree (AAS-T)

The Associate in Applied Science – Transfer degree (AAS-T) is designed to build upon the technical courses required for job preparation but also includes a college-level General-Education component, common in structure for all such degrees. In general, technical degree programs are not designed for transfer to other colleges or universities. However, several four-year colleges and universities have specific bachelor's degree programs that accept AAS-T degrees. Clark College currently has one AAS-T degree in Early Childhood Education (see the Early Childhood Education program description in this catalog for specific program requirements).

Students seeking to transfer into degree programs other than those specifically designed for the AAS-T are urged to consider the DTA or AS-T in preparation for transfer. Majors outside the specifically designed degrees listed above likely will accept very few of the credits in the AAS-T degree (English composition, college-level math, and other general education courses will transfer).

“Washington 45” – List of One Year Transfer Courses

The list of courses in Washington 45 does not replace the Direct Transfer Agreement, Associate of Science Tracks I and II or any Major Related Program agreement, nor will it guarantee admission to a four-year institution.

A student who completes courses selected from within the general education categories listed below at a public community, technical, four-year college or university in Washington State will be able to transfer and apply a maximum of 45 quarter credits toward general education requirement(s) at any other public and most private higher education institutions in the state.¹

For transfer purposes, a student must have a **minimum grade of C or better (2.0 or above) in each course** completed from this list.

Students who transfer Washington 45 courses must still meet a receiving institution's admission requirements and eventually satisfy all their general education requirements and their degree requirements in major, minor and professional programs.

“First Year Transfer List” of general education courses

- **Communications (5 credits)** – ENGL& 101, ENGL& 102
- **Quantitative and Symbolic Reasoning (5 credits)** – MATH& 107, MATH& 148 or MATH& 151
- **Humanities (10 credits in two different subject areas or disciplines²)** – PHIL& 101, MUSC& 105, DRMA& 101, ENGL& 111, or HUM& 101
For colleges that use History as a Humanities HIST& 116, HIST& 117, HIST& 118, HIST& 146, HIST& 147, HIST& 148)

- **Social Science (10 credits in two different subject areas or disciplines)** – PSYC& 100, SOC& 101, POLS& 101, POLS& 202
For colleges that use History as a Social Science: HIST& 116, HIST& 117, HIST& 118, HIST& 146, HIST& 147, HIST& 148
- **Natural Sciences (10 credits in two different subject areas or disciplines)** – BIOL& 100, BIOL& 160 w/ lab, ASTR& 100, ASTR& 101 with lab, CHEM& 105, CHEM& 110 with lab, CHEM& 121 with lab, CHEM& 161, CHEM& 162, ENVS& 100, ENVS& 101, PHYS& 114, GEOL& 101 with lab.
- **Additional 5 credits** in a different discipline can be taken from any category listed above.

NOTE: *Although these courses are listed under categories, the actual course may satisfy a different general education category at a receiving institution.*

¹*Many private non-profit colleges and universities have distinct general education requirements. Students should check with institution(s) they plan to attend regarding application of transfer credits that will meet general education requirements.*

²*Disciplines are sometimes called “subjects” or “subject matter areas” and designated by a prefix (i.e., PHIL for Philosophy and POLS for Political Science).*