

**INTERCOLLEGE RELATIONS COMMISSION (ICRC)
Ongoing Articulation Review (OAR) Committee**

Congratulations! This is your institution's year for an OAR catalog and transfer degree review.

The purpose of the review is to assist your institution in evaluating its college catalog and transfer degrees in relation to the guidelines as designed by Intercollege Relations Commissions (ICRC) and the State Board of Community and Technical Colleges (SBCTC). This will support your efforts toward providing students clear and accurate transfer degree requirements in your published catalog.

OAR is not an accreditation visit and is in no way associated with the formal accreditation process. It is strictly a review of your college catalog and published transfer documents. We look forward to reviewing your printed material and hope that your experience is a pleasant one.

Institution Name _____

DTA Self-Assessment Questionnaire

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.1) Does your catalog state that students must have a 2.0 cumulative GPA to receive the DTA degree?				
(DTA.2) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(DTA.3) Does your catalog state that students must complete a minimum of 60 quarter hours of general education courses as follows?				

BASIC REQUIREMENTS

Communication Skills (10 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.4) Are your students required to complete two courses in English composition which total at least six credits?				
(DTA.5) Are any remaining credits an additional composition course or designated writing courses or courses in basic speaking skills (e.g., speech, rhetoric or debate)?				

Quantitative/Symbolic Reasoning Skills (5 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.6) Are your students required to take <u>one</u> of the following courses?				
• Symbolic reasoning course (5 credits)				
• Quantitative reasoning course in computer science, statistics, mathematics or other discipline for which intermediate algebra is a prerequisite (5 credits)				

Intermediate Algebra Proficiency:

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.7) Are your students required to be proficient in intermediate algebra? This may be satisfied by completion of high school mathematics through second year algebra, by course challenge or other examination demonstrating mastery of intermediate algebra skills, or by completion of an intermediate algebra course (to be numbered below 100) or a mathematics course for which intermediate algebra is a prerequisite.				

DISTRIBUTION REQUIREMENTS

Within the distribution requirements, integrative, synthesized courses and programs, including interdisciplinary courses and linked sequences of courses, are to be encouraged, especially for colleges requiring a minimum of two disciplines per area.

Humanities (15-20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.8) Are your students required to complete 15-20 credits in the humanities distribution requirement?				
(DTA.9) Are your students required to select from at least two disciplines within your humanities requirements?				
(DTA.10) Are your students allowed to take more than 10 credits from any one discipline within your humanities requirements?				
(DTA.11) Are your students allowed to take more than five credits in foreign language at the first-year (100) level?				
(DTA.12) Are your students allowed to take more than five credits in performance / skills courses within your humanities requirements?				
(DTA.13) Are your performance / skills courses clearly identified in your catalog?				
(DTA.14) Do you offer any disciplines within your humanities requirements outside of the following disciplines? If so, please list them:				
• Art				
• Drama/Theatre				
• History				
• Foreign Language/American Sign Language				
• Literature				
• Music				
• Philosophy				
• Speech				
(DTA.15) Are the faculty members teaching your first-year (100) level foreign language courses encouraged to include cultural aspects of study versus just teaching language skills?				
(DTA.16) Do you state that a specific course may be credited toward no more than one distribution or skill area requirement?				
(DTA.17) Do you offer courses in any humanities disciplines that are cross listed as courses in other disciplines? If so, please list them (for example: HUM 248/SOC 248 is cross listed; HUM 248 can be used in Humanities and SOC 248 can be used in Social Science at EvCC).				

Social Sciences (15-20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.18) Are your students required to complete 15-20 credits in the social sciences distribution requirements?				
(DTA.19) Are your students required to select from at least two disciplines within your social sciences requirements?				
(DTA.20) Are your students allowed to take more than 10 credits from any one discipline within your social sciences requirements?				
(DTA.21) Do you offer any disciplines within your social sciences requirements outside of the following disciplines? If so, please list them.				
• Anthropology				
• Economics				
• Geography				
• History				
• Philosophy				
• Political Science				
• Psychology				
• Sociology				
(DTA.22) Do you state that a specific course may be credited toward no more than one distribution or skill area requirement?				
(DTA.23) Do you offer courses in any social sciences disciplines that are cross listed as courses in other disciplines? If so, please list them (for example: ANTH& 205 can be used in either Social Sciences or Natural Science at GRCC).				

Natural Sciences (15-20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.24) Are your students required to complete 15-20 credits in the natural sciences distribution requirements?				
(DTA.25) Are your students required to select from at least two disciplines within your natural sciences requirements?				
(DTA.26) Are your students allowed to take more than 10 credits from any one discipline within your natural sciences requirements?				
(DTA.27) Are your students required to complete at least 10 credits in physical, biological and/or earth sciences?				
(DTA.28) Is at least one laboratory class required?				
(DTA.29) Do you offer any disciplines within your natural sciences requirements outside of the following disciplines? If so, please list them.				
• Astronomy				
• Biology				
• Botany				
• Chemistry				

• Geology				
• Mathematics				
• Physics				
• Zoology				
(DTA.30) Do you state that a specific course may be credited toward no more than one distribution or skill area requirement?				
(DTA.31) Do you offer courses in any natural sciences disciplines that are cross listed as courses in other disciplines? If so, please list them (for example: ANTH& 205 can be used in either Social Sciences or Natural Science at GRCC).				

Electives:

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(DTA.32) Does your catalog explain that students may take up to 15 credits of any other college-level courses and apply them towards the DTA degree?				
(DTA.33) Does your catalog explain that students must fulfill the remaining credit requirements for the DTA degree with electives from an approved list?				
(DTA.34) Do you label your transfer degree in your catalog as a "Direct Transfer Agreement" associate degree?				
(DTA.35) Is the "DTA" abbreviation used in the catalog and/or on transcripts?				
(DTA.36) Does your college have policies regarding using old requirements from previous catalogs to award current DTA degrees? Is this policy mentioned in your catalog?				

**Associate in Business DTA/MRP
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.1) Does your published Associate in Business degree listing include advice to students about the need for early contact with their potential transfer institutions regarding the specific course choices in each area of the Statewide agreement where options are listed (humanities, social science and Business Law or Introduction to Law) for the electives?				
(AB.2) Does your published Associate in Business degree include advice to students regarding checking with their potential transfer institutions about requirements for overall minimum GPA, a higher GPA in a selected subset of courses or a specific minimum grade in one or more courses such as math or English?				
(AB.3) Does your catalog specify the Associate in Business DTA/MRP in your catalog and identify the courses consistent with the statewide agreement posted on the SBCTC website?				
(AB.4) Does your catalog state that students must have a 2.0 cumulative GPA to receive the DTA degree?				

BASIC REQUIREMENTS

Communication Skills (10 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.5) Are your students required to complete 10 credits of English Composition? See Note 1.				

Quantitative/Symbolic Reasoning Skills (10 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.6) Are your students required to take the following courses?				
• Finite Math (5 credits)				
• Business Calculus (5 credits)				

DISTRIBUTION REQUIREMENTS

Humanities (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.7) Are your students required to complete 15 credits in the humanities distribution area?				
(AB.8) Do you state that no more than 10 credits per discipline area, 5 credits maximum in world languages or ASL, and no more than 5 credits of performance/skills classes are allowed? See Note 2.				

Social Sciences (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.9) Does your AB degree require 15 credits of the following courses?				
• Microeconomics (5 credits)				
• Macroeconomics (5 credits)				
• Additional Social Science (5 credits)				

Natural Sciences (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.10) Does your AB degree require 5 credits Statistics (Business Statistics preferred)?				
(AB.11) Does your AB degree require 10 credits in physical, biological and/or earth science, including at least one lab course? See Note 3.				

Business Courses (20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.12) Does the AB degree require the following 20 credits? See Note 4				
• Introduction to Financial Accounting (5 credits)				
• Financial Accounting (5 credits)				
• Managerial Accounting (5 credits)				
• Business Law or Introduction to Law (Constitutional Law)				

Electives (5 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AB.13) Does your catalog explain that students may take up to 5 credits of any other college-level courses and apply them towards the AB transfer degree? See Note 5.				
(AB.14) Do you label your transfer degree in your catalog as an “Associate in Business Direct Transfer Agreement/Major Related Program”?				
(AB.15) Is the “DTA/MRP” abbreviation used in the catalog and/or on transcripts?				

Note 1: Does the degree note “to meet the EWU requirements, the second English Composition course must be equivalent to EWU’s English 201 – College Compositions: Analysis, Research, and Documentation?”

Note 2: Do your degree guidelines state that students intending the international business major consult with their potential transfer institutions regarding the level of world language required for admission to the major?

Note 3: Does your published AB degree note that “students intending the manufacturing management major at WWU should consult WWU regarding the selection of natural science courses required for admission to the major”?

Note 4: Regarding Business Law or Introduction to Law – these are two distinct subject areas with minimal (approximately 20 percent) content overlap.

University with a requirement:
UW (all campuses)
EWU, CWU, WSU (all campuses),
SMU, SPU, GU

Course Equivalent to:
Intro to Law (MBMT 200)
Business Law

The following institutions do not require a **lower division** Business Law course and agree to accept the course taken as part of this degree as a lower division elective, but generally not as an equivalent to the course required at the upper division: Heritage, PLU, SU, and Walla Walla University.

Note 5. Does the AB transfer degree note that 4 institutions have requirements for admission to the major that go beyond those specified above that students can meet by careful selection of the elective course:

University:
UW (all campuses)
Gonzaga
PLU

SPU

Course Equivalent to:
Management Information Systems (MIS 250)
Management Information Systems (BMIS 235)
Computer Applications (CSCE 120) or
Equivalent course or skills test
Spreadsheet (BUS 1700) or equivalent course
Skills test

**Associate in Elementary Education DTA/MRP
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you in advance for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.1) Does your catalog state that students must complete a minimum of 90 quarter hours of general education courses, distributed as follows?				
(EL.2) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(EL.3) Do you label your transfer degree in your catalog as an "Associate in Elementary Education Direct Transfer Agreement (DTA/MRP)"?				

BASIC REQUIREMENTS

Communication Skills (10 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.4) Are your students required to complete ten credits in English composition?				

Quantitative/Symbolic Reasoning Skills (9-15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.5) Are your students required to take 9 – 15 credits of math?				
EL.6) Does the required content including number theory, geometry, probability and statistics, with a focus on the development of mathematical concepts in elementary education curriculum?				

DISTRIBUTION REQUIREMENTS

Humanities (15-20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.7) Are your students required to complete 3-5 credits of public speaking?				
(EL.8) Are your students required to complete 5 credits of U.S. History? (Note: May be a social science at some community colleges.)				
(EL.9) Are students encouraged to take courses in art, music, literature, or drama/theatre to complete the additional 7-12 credits required in the humanities area?				

Social Sciences (20 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.10) Are your students required to complete 20 credits in the social sciences distribution area?				
(EL.11) Are your students required to select from at least three disciplines within your social sciences requirements?				
(EL.12) Are your students required to complete World Civilization or non-Western History?				

(EL.13) Are students encouraged to take courses in economics, geography, political science, psychology, or additional history to complete the additional 15 credits required in the social sciences area?				
(EL.14) Does your college encourage the development of integrated coursework covering several of the above topics?				

Natural Sciences (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.15) Are students required to complete 5 credits in biological sciences?				
(EL.16) Are students required to complete 5 credits in geology or earth science?				
(EL.17) Are students required to complete 5 credits physical sciences (chemistry or physics)?				
(EL.18) Are at least two laboratory classes required?				

Other:

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.19) Does your college offers 5 credits in an education-specific professional introduction to the field? (Not required. If “no”, skip to Question EL.21.)				
(EL.20) If so, does it include the following endorsement competencies for Elementary Teachers:				
• An exploration of the historical, philosophical and social aspects of elementary education;				
• An evaluation from the field site supervisor observing the student’s work with children;				
• Awareness of the certification process in the state of Washington?				
(EL.21) Does your college require a minimum of 30 hours of K-8 classroom experience in the degree program?				
(EL.22) Does your college require 3-5 credits in gender/culture coursework within the degree program?				
(EL.23) Does your college require students to prepare a portfolio of files to demonstrate computer literacy in software programs including word processing, Power Point and spreadsheets, in addition to being proficient on the Internet?				
(EL.24) Does your college advise students they must take the WEST-B in order to apply to teacher preparation programs?				

Electives:

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(EL.25) When students seek to take additional courses, are they encouraged to select electives				

from the following list:				
<ul style="list-style-type: none"> • Additional content courses (e.g., social sciences, humanities, sciences, mathematics) designed to meet endorsement competencies and/or academic majors; 				
<ul style="list-style-type: none"> • Additional credits for field experience or practica? 				

**Pre-Nursing DTA/MRP
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.1) Does your published Pre-Nursing degree include advice to students about the need for early contact with their potential transfer institutions regarding the specific course choices in each area of the statewide agreement where options are listed (humanities, social sciences, electives)?				
(PN.2) Does your published Pre-Nursing degree include advice to students regarding checking with their potential transfer institutions regarding the requirement for overall minimum GPA, a higher GPA in a selected subset of courses or a specific minimum grade in one or more courses such as math or English?				
(PN.3) Does your catalog specify the Pre-Nursing DTA/MRP and identify the courses consistent with the statewide agreement posted on the SBCTC website?				
(PN.4) Does your catalog state that students must complete a minimum of 90 quarter credits for this degree?				
(PN.5) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(PN.6) Do you label your Pre-Nursing DTA/MRP degree in your catalog as a "Direct Transfer Agreement/Major Related Program?"				

BASIC REQUIREMENTS

Communication Skills (10 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.7) Do the degree requirements note that Northwest University and Walla Walla University require that the second English composition class be a research writing class?				

Quantitative/Symbolic Reasoning Skills (5 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.8) Are your students required to take 5 quarter credits statistics (course that includes descriptive and inferential statistics)?				
(PN.9) Do your degree requirements note that UW Seattle and Seattle University require 10 credits in quantitative/symbolic reasoning with the additional class in college algebra or pre-calculus (at UW Seattle, a class in Logic also serves for the additional class)?				

DISTRIBUTION REQUIREMENTS

Humanities (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.10) Are your students required to take 5 quarter credits Public Speaking?				
(PN.11) Do your degree guidelines encourage students to consult with the institution(s) to which they wish to transfer regarding the humanities courses that best support or may be required as prerequisites to their nursing curriculum?				
(PN.12) Do your degree guidelines state that a curriculum that provides students with an understanding of and sensitivity to human diversity is encouraged (required by WSU) and the humanities courses provide one opportunity for such a curriculum?				

Social Sciences (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.13) Are your students required to take the following courses:				
• 5 quarter credits Introduction to Psychology;				
• 5 quarter credits Human Development across the life span (colleges often call this course Developmental Psychology);				
• 5 quarter credits from the sociology discipline?				
(PN.14) Do degree guidelines note that Northwest University requires Cultural Anthropology and does not accept a course in the sociology discipline as a substitute?				
(PN.15) Do your degree guidelines state that a curriculum that provides students with an understanding of and sensitivity to human diversity is encouraged (required by WSU) and the social science courses provide one opportunity for such a curriculum?				

Natural Sciences (35 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.16) Are your students required to complete 35 credits natural sciences with at least 25 credits lab-based for the Pre-Nursing DTA/MRP?				
(PN.17) Are your students required to take the following courses:				
• 5 quarter credits General Biology, the course prerequisite to Anatomy/Physiology;				
• 10 quarter credits Anatomy and Physiology with lab;				
• 5 quarter credits Inorganic Chemistry with lab;				
• 5 quarter credits Organic/Biochemistry with lab (when Organic and Biochemistry are				

separate courses, both are required);				
• 5 quarter credits Microbiology with lab;				
• 5 quarter credits Human Nutrition?				
(PN.18) Do your degree guidelines advise students that introductory survey courses or review courses do not meet the content level expectations for these natural science requirements?				
(PN.19) Do your degree guidelines note that Northwest University requires 2 credits of Genetics as well?				
(PN.20) Do your degree guidelines note that at the time of application when some of the course work may not yet be completed, UW Seattle requires a minimum GPA of 3.0 for three out of the seven courses or 2.8 for four out of the seven?				

Elective Courses (10-15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PN.21) Does your degree require up to 10 additional quarter credits of which a maximum of 5 credits may be in college-level courses as defined by the community college, and the remainder shall be fully transferable as defined by the receiving institution?				
(PN.22) Do your degree guidelines note that a curriculum that provides students with an understanding of and sensitivity to human diversity is encouraged (required by WSU) and the elective credits provide one opportunity for such a curriculum?				
(PN.23) Do you include the following Notes on Application to a University or College in your catalog?				

1. Admissions application deadlines vary; students must meet the deadline for the university or universities to which they plan to apply for admission to transfer.
2. For admission to nursing as a major it is critical to note that grade point average requirements vary and admission is competitive across the several programs in Nursing.
3. Certain schools may have additional “university-specific” requirements that are not pre-requisites to admission to the Nursing major but will need to be completed prior to graduation or, as noted above for NU, prior to commencement of nursing courses. Contact with advisors from individual schools for institutional requirements is highly recommended since this DTA may not meet every institution-specific graduation requirement. NU, for example requires Old Testament and New Testament in the summer prior to beginning nursing classes.
4. Certain schools may have additional “university-specific” requirements for admission to the institution that are not pre-requisites specifically identified in the DTA requirements. UW Seattle, for example, requires 10 credits of a world language if the applicant has not completed two years of a single language in high school; PLU requires a year of a foreign language at the college level, if two years of high school foreign language has not been completed.

*Associate in Science – Transfer (AS-T) #1
Self-Assessment Questionnaire*

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AST1.1) Does your catalog state that this degree is recommended for students pursuing future bachelor's degrees in biology, environmental/resource science, chemistry, geology and earth science?				
(AST1.2) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(AST1.3) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(AST1.4) Does your catalog state that the degree requires a minimum of 5 credits in college-level composition?				
(AST1.5) Does your catalog state that students must complete 10 credits of introductory calculus or above?				

Humanities & Social Sciences (15 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AST1.6) Does your catalog state that students must complete 15 credits of humanities and social science as follows:				
• Minimum 5 credits in humanities;				
• Minimum 5 credits in social science;				
• Additional 5 credits in either humanities or social science for a total of 15 credits?				

Pre-Major Requirements (45-50 credits):

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AST1.7) Does your degree require 45-50 credits of pre-major courses as follows:				
• Chemistry (for science majors) sequence – 15 credits;				
• Third quarter calculus or approved statistics course – 5 credits				
• Biology (for science majors or physics (calculus-based or non-calculus-based) sequence – 15 credits?				
(AST1.8) Are students made aware that some baccalaureate institutions require physics with calculus to meet the requirement associated with Question 1.5?				
(AST1.9) 10-15 credits in physics, geology, organic chemistry, biology, or mathematics consisting of courses for science majors (not for general education) preferably in a 2-3 quarter sequence?				

(AST1.10) Are future biology majors made aware that they should select organic chemistry or physics to meet the requirement associated with Question 1.7?				
(AST1.11) Are students made aware that their remaining credits to reach the 90 credit minimum may include pre-requisite courses for major courses (e.g., pre-calculus), additional major coursework, specific general education coursework or other university-specific course requirements as approved by an advisor?				
(AST1.12) Does your catalog explain that students may take up to 5 credits of any other college-level courses and apply them towards the AS-T #1 degree?				
(AST1.13) Are students made aware that their sequence of courses should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution)?				

**Associate in Biology Education (AS-T) #1
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(BE.1) Does your catalog state that this degree is recommended for future secondary biology teachers?				
(BE.2) Does your catalog state that specific grade requirements vary from course to course and among transfer institutions and that students need to check with advisors?				
(BE.3) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(BE.4) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(BE.5) Does your catalog state that students are required to complete one course in English composition?				
(BE.6) Does your catalog state that students must complete 10 credits of calculus (for majors)?				
(BE.7) Does your catalog state that students must complete 15 credits of humanities and social science, with three different subjects required, distributed as follows:				
• 5 credits Introductory Speech;				
• 5 credits General Psychology;				
• Additional 5 credits in either humanities or social science?				
• Is coursework in multicultural education recommended?				
(BE.8) Does your degree require 50 credits of pre-major courses as follows:				
• 15 credits General Chemistry;				
• 15 credits Biology for Science Majors;				
• 15 credits Organic Chemistry;				
• 5 credits Statistics?				
(BE.9) Is it recommended that students complete 15 credits of algebra- or calculus-based Physics, which brings the total credits up to 105?				
(BE.10) Does your catalog inform students that their remaining credits to reach the 90 credit minimum must include 5 additional quarter credits of English composition?				
(BE.11) Does your catalog inform students that Field Experience/Intro to Education is required (either 5 credits of coursework or other means of meeting this competency)?				
(BE.12) Does your catalog inform students that their sequence of courses should not be broken up between institutions (e.g., the typical three-quarter				

physics sequence should be taken entirely at one institution)?				
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*Associate in Chemistry Education (AS-T)#1
Self-Assessment Questionnaire*

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(CE.1) Does your catalog state that this degree is recommended for future secondary chemistry teachers?				
(CE.2) Does your catalog state that specific grade requirements vary from course to course and among transfer institutions and that students need to check with advisors?				
(CE.3) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(CE.4) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(CE.5) Does your catalog state that students are required to complete one course in English composition?				
(CE.6) Does your catalog state that students must complete 10 credits of calculus (for majors)?				
(CE.7) Does your catalog state that students must complete 15 credits of humanities and social science, with three different subjects required, distributed as follows:				
• 5 credits Introductory Speech;				
• 5 credits General Psychology;				
• Additional 5 credits in either humanities or social science for a total of 15 credits?				
• Is coursework in multicultural education recommended?				
(CE.8) Does your degree require 50 credits of pre-major courses as follows:				
• 15 General Chemistry;				
• 15 credits Organic Chemistry;				
• 15 credits Physics (algebra- or calculus-based);				
• 5 credits statistics or a third quarter of calculus?				
(CE.9) Does your catalog inform students that their remaining credits to reach the 90 credit minimum must include 5 additional quarter credits of English composition?				
(CE.10) Does your catalog inform students that Field Experience/Intro to Education is required (either 5 credits of coursework or other means of meeting this competency)?				
(CE.11) Does your catalog inform students that their sequence of courses should not be broken up between institutions (e.g., the typical three-quarter physics sequence taken entirely at one institution)?				

**Associate in General Science Education (AS-T)#1
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (if appropriate) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(GS.1) Does your catalog state that this degree is recommended for future secondary general science teachers?				
(GS.2) Does your catalog state that specific grade requirements vary from course to course and among transfer institutions and that students need to check with advisors?				
(GS.3) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(GS.4) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(GS.5) Does your catalog state that students are required to complete one course in English composition?				
(GS.6) Does your catalog state that students must complete 10 credits of calculus (for majors)?				
(GS.7) Does your catalog state that students must complete 15 credits of humanities and social science, with three different subjects required, distributed as follows:				
• 5 credits Introductory Speech;				
• 5 credits General Psychology;				
• Additional 5 credits in either humanities or social science for a total of 15 credits?				
• Is coursework in multicultural education recommended?				
(GS.8) Does your degree require specific pre-major courses as follows:				
• 5 credits Statistics?				
• Three out of four of the following:				
✓ 15 credits General Chemistry;				
✓ 15 credits Biology for Science Majors;				
✓ 15 credits algebra- or calculus-based Physics;				
✓ 10 credits Geology (physical and historical)?				
(GS.9) Does your catalog inform students that an additional 5 elective credits must be selected if only 45 credits are completed in section GS.5. above?				
(GS.10) Does your catalog inform students that their remaining credits to reach the 90 credit minimum must include 5 additional quarter credits of English composition?				
(GS.11) Are students made aware that Field				

Experience/Intro to Education is required (either 5 credits of coursework or other means of meeting this competency)?				
(GS.12) Are students made aware that their sequence of courses should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution)?				

*Associate in Science – Transfer (AS-T) #2
Self-Assessment Questionnaire*

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(AST2.1) Does your catalog state that this degree is recommended for students pursuing future bachelor's degrees in engineering, computer science, physics and atmospheric sciences?				
(AST2.2) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(AST2.3) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(AST2.4) Does your catalog state that the degree requires a minimum of 5 credits in college-level composition?				
(AST2.5) Does your catalog state that students must complete 10 credits of introductory calculus or above?				
(AST2.6) Does your catalog state that students must complete 15 credits of humanities and social science as follows:				
• Minimum 5 credits in humanities;				
• Minimum 5 credits in social science;				
• Additional 5 credits in either humanities or social science for a total of 15 credits?				
(AST2.7) Does your degree require 25 credits of pre-major courses as follows:				
• Physics (calculus-based or non-calculus-based) sequence including labs, 15 credits;				
• Chemistry with lab for engineering majors (5 credits), with other majors selecting 5 credits of science based on advising;				
• Third quarter calculus or approved statistics course based on the requirements of the intended transfer institution, 5 credits?				
(AST2.8) Does your catalog inform students that some baccalaureate institutions require physics with calculus to meet the requirements associated with Question 2.5?				
(AST2.9) Does your catalog inform students that the remaining 35 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?				
(AST2.10) Does your catalog explain that students may take up to 5 credits of any other college-level courses and apply them towards the AS-T #2 degree?				
(AST2.11) Does your catalog inform students that their sequence of courses should not be broken up				

between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution)?				
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**Associate in Physics Education (AS-T) #2
Self-Assessment Questionnaire**

(Note: Please complete the self-assessment for this Major Related Program only if your college offers the degree.)

Please reference specific catalog page numbers (or lack thereof) in your responses. Thank you for your assistance.

QUESTION	YES	NO	PAGE #'S	NOTES/COMMENTS
(PE.1) Does your catalog state that this degree is recommended for future secondary physics teachers?				
(PE.2) Does your catalog state that specific grade requirements vary from course to course and among transfer institutions and that students need to check with advisors?				
(PE.3) Does your catalog state that students must have a 2.0 cumulative GPA to receive this degree?				
(PE.4) Does your catalog state that students must complete at least 90 quarter hours of transferable credit?				
(PE.5) Does your catalog state that students are required to complete one course in English composition?				
(PE.6) Does your catalog state that students must complete 10 credits of calculus (for majors)?				
(PE.7) Does your catalog state that students must complete 15 credits of humanities and social science, with three different subjects required, distributed as follows:				
• 5 credits Introductory Speech;				
• 5 credits General Psychology;				
• Additional 5 credits in either humanities or social science for a total of 15 credits?				
• Is coursework in multicultural education recommended?				
(PE.8) Does your degree require 49 credits of pre-major courses as follows:				
• 15 credits calculus-based Physics;				
• 10 credits General Chemistry;				
• 10 credits Calculus (3rd and 4th quarters);				
• 5 credits Linear Algebra;				
• 5 credits Differential Equations;				
• 4-5 credits Computer Programming?				
(PE.9) Does your catalog inform students that their remaining credits to reach the 90 credit minimum must include 5 additional quarter credits of English composition?				
(PE.10) If the Computer Programming requirement in Question 5 above is 4 credits, are students required to take one additional credit to reach the 90 credit minimum for this degree?				
(PE.11) Does your catalog inform students that Field Experience/Intro to Education is required (either 5 credits of coursework or other means of				

meeting this competency)?				
(PE.12) Are students made aware that their sequence of courses should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution)?				