

AAT in Secondary Science Statewide Model Application Checklist

College:	Review Date:
1. Form 20ED Cover Page Page completed correctly	Y N
2. Admissions Statement	
Description of admission process is satisfactory.	Y N
Admission requirements are indicated and are appropriate.	Y N
Advisement and Counseling support are satisfactory.	Y N
3. Curriculum	
Proposed Catalog description is satisfactory	Y N
Curriculum Chart appropriately reflects proposed Gen Ed, Prof Ed and Major Area-Science Courses	Y N
Copies of new or revised syllabi for Professional Ed courses, with appropriate standards addressed.	Y N
Copies of new or revised syllabi for Major Area-Science courses, with appropriate standards addressed.	Y N
Total Hours in AAT SEC SCI Degree (60—64 credit hours)	Hours
4. General Education Core Curriculum Requirements*	
Communication (9 credit hrs, 2 courses writing, 1 oral)	Y N
Mathematics (7-9 cr. hrs., Calculus I & II, or Statistics or Linear Algebra.)	Y N
Physical and Life Sciences (7-8 cr. hrs, one crs. from Life Sciences, one from Physical Sciences, and at least one laboratory course.)	Y N
Humanities and Fine Arts (6 credit hours, one crs. from Humanities and one from Fine Arts)	Y N
Social and Behavioral Science (6 cr hrs, crses selected from two disciplines)	Y N
All Gen Ed courses are IAI approved.	Y N

***A college may require a greater number of general education hours than the model suggests, but consideration should be given to the total number of hours in the degree and the possibility that additional hours may not be accepted in transfer.**

Total Gen Ed Requirements (35-38 credit hours)	Hours
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The college needs to address the following:

5. Professional Education Requirements (3 credit hrs)	
The following course is required:	
Intro to Education*	Y N

Clinical Component* (15 contact hours, minimum)	Y	N
The syllabus has all appropriate standards.	Y	N

Exceptions:

A matrix with all appropriate standards for each course is included and matches the standards in syllabi.	Y	N
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Exceptions:

Professional Education Courses no longer need to be IAI approved. However, they must address appropriate standards and meet model guidelines.

Degree Requirements:

Successful Completion of ITBS	Y	N
Initiation of standards-based professional portfolio	Y	N
Evidence of appropriate professional dispositions	Y	N

Total Professional Ed Requirements (3 semester credits)	Hours
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The college needs to address:

**The clinical component should include field experiences in a variety of school settings. A variety of assignments and activities should be included, with artifacts and assessments documented. Required contact hours may be embedded in Intro. To Ed. Or may be part of a separate one credit hour course. If the required contact hours of field experience are part of a separate course, the student must be required to take the two courses concurrently and to document the assignments and activities with artifacts and assessments. Student should be aware that a one credit hour field experience may not be transferable.*

6. Major Area Sequence (18-23 semester credits total)

Core Courses: 6-8 semester credits

Earth Sciences	Y	N
Intro to Biological Sciences	Y	N
General Chemistry I	Y	N
General Physics I with Calculus	Y	N

All major core courses are IAI approved.	Y	N
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Exceptions:

Each syllabus has all appropriate standards.	Y	N
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Exceptions:

A matrix with all appropriate standards for each course is included and matches the standards in the syllabi.	Y	N
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Exceptions:

Note: All four courses are required; however, two of the courses can be used to fulfill general education requirements.

Total Major Area Core Requirements (6-8 semester credits)	Hours
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7. Major courses: 12-15 semester credits

In order to facilitate IAI transfer requirements, the following supporting classes are required:

Intro. To Biological Sciences II	Y	N
General Chemistry II	Y	N
General Physics II with Calculus	Y	N

All Major Courses IAI Approved. Y N

Exceptions:

Each syllabus has all appropriate standards. Y N

Exceptions:

A matrix with all appropriate standards for each course is included and matches the standards in the syllabi. Y N

Exceptions:

Total Major Courses (12-15 semester credits)

Hours

Elective Option (4 semester credits)

If additional hours are available, choose one course from the following list which best supports your area of concentration:

Organic Chemistry I Y N

Anatomy and Physiology I Y N

General Physics III with Calculus Y N

Biology elective Y N

Total Major Area Sequence: (18-23 semester credits)

Hours

The College needs to address:

8. Assessment of Student Learning

Proposal includes appropriate Description of the college's policy and procedures regarding passage of ITBS. Y N

Matrix includes appropriate artifacts and assessments. Y N

Any additional standards identified in the proposal are appropriate. Y N

Appropriate description of how college will address core language arts stds., core technology stds., and stds. related to global diversity and multiculturalism. Y N

Appropriate description of how program outcomes will be assessed and documented, including use of portfolios. Y N

College has satisfactorily answered the following questions:

What will this program do that is different from other programs? Y N

How will the college determine that a candidate's level of achievement has met the goals of the program prior to graduation? Y N

How is candidate assessment used for continuous quality improvement of the program? Y N

How many students per year are expected to register in program? Y N

The college needs to address the following:

9. Other Requirements

Satisfactory description of the number and adequacy of equipment (including dedicated computer hardware and software) available to support program.	Y	N
Available resources are adequate to offer the program.	Y	N
College specified the source of resources to support the proposed program and noted what portion of funds will come from reallocated resources as compared to new resources.	Y	N
The college provided the number of full and part-time faculty members who will teach courses in the major, describing each faculty member's qualifications, including highest degree earned, teaching experience and evaluation methods.	Y	N
Number/characteristics of faculty seem sufficient.	Y	N
College provided name and contact information for the college's designated education representative.	Y	N

10. Key Area(s) Requiring Attention:

To aid in this process, additional documents, such as the AAT PAR Document, may be included with this checklist. Areas that may prove useful to your college may be referenced in the body of the checklist.

7-1-08