

# PCAS

## *Program and Curriculum Approval System*

UNIVERSITY OF MINNESOTA

March, 2007

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# What is PCAS and what will it do?

PCAS was developed to help the University meet three needs:

A database of program requirements for undergraduate, graduate, and certificate programs

An approval system for new and changed programs

A resource for our Grad Planner application

# Program & Curriculum Approval

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**Create New  
Program**



**View/Edit  
Program**



**Approve  
Program**



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PCAS Version 1.3.6

# 1 Database

- A repository of current, accurate information about the requirements of all majors, minors, and certificate programs on all campuses of the University: the “source of truth”
- The source that informs both the online catalog and our degree audit system (DARwin/APAS)

# 1 Database

Features of this database:

- Dynamic link with ECAS course database
- Always current and accurate
- Archives past versions of programs
- Can be used to generate data warehouse reports
- Direct feed to online catalog

# Program & Curriculum Approval

## Twin Cities - Search

[Home](#)

### Instructions

To access a program or proposal, complete any relevant search criteria below, then click "Go". Provide as much information possible, especially the title if available, to refine your results.

**Program title (long)**

**College**

**Career**

**Approval status**

**Terms available**  to

**Go**

**Reset**

	<b>Environmental Design B.E.D.</b> Program: <a href="#">View</a>	Fall 2005	Arch & Landscape Arch, Coll of	Undergraduate	Completely Approved
	<b>Environmental Design B.E.D.</b> Proposal: <a href="#">View</a>   <a href="#">Edit</a>	Spring 2007	Design, Coll of	Undergraduate	Proposal Not Submitted
	<b>Environmental Horticulture B.S.</b> Program: <a href="#">View</a>	Fall 2005	Agric, Food, & Envir Sci, Coll	Undergraduate	Completely Approved
	<b>Environmental Horticulture B.S.</b> Program: <a href="#">View</a>	Fall 2006	Food, Agri & Nat Res Sci, Coll	Undergraduate	Completely Approved
	<b>Environmental Horticulture B.S.</b> Proposal: <a href="#">View</a>	Spring 2007	Food, Agri & Nat Res Sci, Coll	Undergraduate	Waiting for Catalog Review
	<b>Environmental Science B.S.</b> Program: <a href="#">View</a>   <a href="#">Update</a>	Fall 2005	Agric, Food, & Envir Sci, Coll	Undergraduate	Completely Approved
	<b>Environmental Science B.S.</b> Program (current): <a href="#">View</a>   <a href="#">Reactivate</a>	Spring 2006	Agric, Food, & Envir Sci, Coll	Undergraduate	Completely Approved
	<b>Environmental Sciences, Policy and Management B.S.</b> Program: <a href="#">View</a>   <a href="#">Update</a>	Fall 2006	Food, Agri & Nat Res Sci, Coll	Undergraduate	Completely Approved
	<b>Environmental Sciences, Policy and Management B.S.</b> Program (current): <a href="#">View</a>   <a href="#">Update</a>   <a href="#">Discontinue</a>	Spring 2007	Food, Agri & Nat Res Sci, Coll	Undergraduate	Completely Approved
	<b>Food Systems and the Environment Minor</b> Program: <a href="#">View</a>   <a href="#">Update</a>	Fall 2005	Agric, Food, & Envir Sci, Coll	Undergraduate	Completely Approved





## UNIVERSITY CATALOGS

## Search

[Search Undergraduate Programs](#)[Search University Catalogs](#)

## University Catalogs

[Courses](#)[Majors & Minors](#)[Policies & General Information](#)[Faculty & Administration](#)[Order or Download a Catalog](#)[Catalog PDF Archives](#)[Frequently Asked](#)**Environmental Horticulture B.S.***Horticultural Science***College of Food, Agricultural and Natural Resource Sciences**

- Requirements for this program are current for Fall 2006.
- Required credits to graduate with this degree: 120.
- Required credits within the major: 49.
- Degree: Bachelor of Science.

The environmental horticulture major educates and prepares students in all phases of horticulture: crop and plant production; education (botanic gardens and arboreta); service oriented activities (landscaping and landscape maintenance); plant use and function (design, reclamation, and restoration); and recreation (golf courses and parks). Students gain experience in the use of plants to alter environments, restore damaged landscapes, improve the health and well-being of individuals, educate people about science and agriculture, improve community environments, and provide recreational and practical benefits to the public.

Students choose either a business or science option. Landscape design, a joint offering with the College of Design (CDES), combines architecture and landscape architecture courses available in CDES with the plant-based design courses available in CFANS.

**Admission Requirements****More Program Views**

View college catalog (s):

- [College of Food, Agricultural and Natural Resource Sciences](#)

View sample plan(s):

- [Floriculture/Nursery Production \(Business Option\)](#)
- [Individualized Program \(Business Option\)](#)
- [Landscape Design \(Business Option\)](#)
- [Landscape Implementation and Management \(Business Option\)](#)
- [Turfgrass Science \(Business Option\)](#)

<a href="#">Abbreviation Key</a> (opens a new window)	<b>General Requirements</b>	
<a href="#">Contact Us</a>	<p>All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the <a href="#">liberal education requirements</a>.</p>	
<b>Related Links</b>		
<a href="#">College of Food, Agricultural and Natural Resource Sciences</a>	<p>Recommended freshman writing course(s) for this program: RHET 1101</p>	
<a href="#">TC Undergraduate Admissions</a>	<b>Program Requirements</b>	
<a href="#">TC Undergraduate Application</a>	<p>Applied courses in horticultural science, soil science, entomology, plant pathology, and applied economics vary depending on program. All required courses must be taken A-F, and students must earn a grade of at least C-.</p>	
<a href="#">One Stop</a> for tuition, course registration, financial aid, academic calendars, and more	<p><b>Foundation Courses</b></p> <p><a href="#">APEC 1101</a> - Principles of Microeconomics, SSCI (3.0 cr)  <a href="#">BIOL 1009</a> - General Biology, BIOL SCI/L (4.0 cr)  <a href="#">RHET 1223</a> - Oral Presentations in Professional Settings (3.0 cr)  <a href="#">CHEM 1011</a> - Introductory Chemistry: Lecture and Laboratory, PHYS SCI/L (4.0 cr)  or <a href="#">CHEM 1021</a> - Chemical Principles I, ENVT, PHYS SCI/L (4.0 cr)  <a href="#">MATH 1031</a> - College Algebra and Probability, MATH (3.0 cr)  or <a href="#">MATH 1142</a> - Short Calculus, MATH (4.0 cr)</p>	
	<p><b>Professional Courses</b></p> <p><a href="#">BIOL 3002</a> - Plant Biology: Function (2.0 cr)  <a href="#">HORT 1001</a> - Plant Propagation, BIOL SCI/L (4.0 cr)  <a href="#">HORT 1015</a> - Woody and Herbaceous Plants (4.0 cr)  <a href="#">HORT 3002W</a> - Greenhouse Management, WI (3.0 cr)  <a href="#">HORT 3005</a> - Environmental Effects on Horticultural Crops (2.0 cr)  <a href="#">HORT 4096</a> - Professional Experience Program: Internship (1.0-3.0 cr)  <a href="#">PLPA 2001</a> - Introductory Plant Pathology (3.0 cr)  <a href="#">SOIL 2125</a> - Basic Soil Science, ENVT (4.0 cr)</p>	

## DATABASE: The ECAS-PCAS Link

- PCAS draws interactively from the ECAS course database, linked through a course identification number
- When you update a course in ECAS, that course is automatically pulled into PCAS for the correct date

## 2 Approval System

- PCAS replaces a paper-based approval process for new and changed degree programs, majors, and minors.
- New and changed programs requiring Dean, Chancellor, Graduate School, AHC, Provost, or Board of Regents approval are managed through this web-based process.

# Program & Curriculum Approval

Crookston - Home

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**Create New  
Program**



**View/Edit  
Program**



**Approve  
Program**



---

PCAS Version 1.3.6

# Program & Curriculum Approval

## Approver Lists

[Home](#) | [Log Out](#)

### Instructions

The program proposals awaiting your approval are listed below. If you are authorized to approve at more than one level, the proposals will be grouped into multiple lists, each corresponding with an approval level.

### Program Proposals Awaiting Your Approval (118 total)

#### Degree-Granting College level proposals

- [AHC IT CLA Degree Test #1 20050316 2](#)
- [AHC IT CLA Degree Test #1 2005046 5](#)
- [AHC IT CLA Degree Test #2 20050322 3](#)
- [AHC IT Deegree CLA Approval Test #1 20050322 3](#)

[Return to top of Admission Requirements](#)

## Program Requirements

[Hide this section](#)

Program length in credits:	42 to 84 credit(s)	<no change>
Major length in credits:	13 to 21 credit(s)	13 to 13 credit(s)
Number of semesters of a second language that are required:	2	<no change>
Type of second language required:	Specific Second Language(s): German, Latin	<no change>
Other requirements:	Other requirements	<no change>
Required course(s):	<b>Course Group 1</b> <i>Course Group Requirements/Description</i> <ul style="list-style-type: none"><li>• <b>Take</b> ECON 3031 - History of Economic Thought, LE CAT7 (3.0cr)</li><li>• <b>and</b> Linda1_20050518_1_OTHRC</li></ul>	<b>Course Group 1</b> <i>Course Group Requirements/Description</i> <ul style="list-style-type: none"><li>• <b>Take</b> ECON 3031 - History of Economic Thought, LE CAT7 (3.0cr)</li></ul>

## 3 Resource for Grad Planner

PCAS includes time-based data about program sequencing (i.e., the appropriate timing of course-taking for four-year graduation) that supports the Grad Planner application.



# Program & Curriculum Approval

General Information

[Home](#) | [Search](#) | [View This Step](#) | [Log](#)



**Title: Agribusiness BS**

Approval Status: Proposal Not Submitted

Delete Proposal

Timeframe info  
entered here

Displayed  
here

SAVED

SAVED

SAVED

SAVED

SAVED

SAVED

SAVED

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

General  
Info

Narrative  
Material

Admission  
Reqs

Program  
Reqs

Track  
Reqs

Sample  
Plan

Checkpoint  
Chart


Submit

To add another course of the same type click "Save & Add Another +". If you want to add courses of a different type, or when you have finished click "Save & Continue >".

### Step 3 - Admission Requirements : Create Course

#### Designator with Course Number













**\*=Required field**

*Designator	*Course Number	Must take A-F	Minimum Grade	*Earliest Semester	*Latest Semester	*Recommended Semester
<input type="text"/>	<input type="text"/>	<input checked="" type="radio"/> No <input type="radio"/> Yes	<input checked="" type="radio"/> No <input type="radio"/> Yes <input type="text" value="C-"/>	Select Semester ▾	Select Semester ▾	Select Semester ▾
<input type="checkbox"/> Preferred Course  <input type="checkbox"/> Recommended or Required for Students in the Honors Track						

Save & Add Another +

Save & Continue >

Cancel

<div>  Potential term for fulfilling the requirement         </div> <div>  Recommended term for fulfilling the requirement         </div>		Year 1		Year 2		Year 3		Year 4	
Checkpoint requirements	Requirement definitions	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
• General requirement checkpoints (complete all)									
Freshman Composition	Complete a freshman composition course.								
• Program requirement checkpoints (complete all)									
Physical Science and Mathematics Requirements	(MATH 1271 or MATH 1281)								
Physical Science and Mathematics Requirements	CHEM 1021								
Physical Science and Mathematics Requirements	CHEM 1022								

## GEO 2201

**Title:** Geodynamics I: The Solid Earth

**Description:** Dynamics of solid Earth, particularly tectonic system. Seismology, internal structure of Earth. Earth's gravity, magnetic fields. Paleomagnetism, global plate tectonics, tectonic systems. Field trip.

**Prereq:** & Phys 1301 or #

**LibEd:**

**Terms Offered:** fall, every year


**Credits:** 3


**Campus:** Twin Cities

### When Should I Take This Course?

Geophysics B.S.Geop.

	Fr.			Soph.			Jr.			Sr.		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
GEO 2201				★								

**Key:**  Recommended term for timely graduation

 Best possible term

### Plan For :

\*Term:  \*Year:

[Plan It!](#)

# HOW PCAS WORKS

- The COURSE GROUP concept
- The link to the course database (ECAS)
- Nesting of requirements
- Sub-plans (tracks)
- Sample plans
- Checkpoint charts
- Approval process

# What is a course group?

The basic building block in PCAS:

a set of elements -- courses, course groups, and/or course lists -- with a logical relationship that determines what items in the set must be completed.

- **AND** –students must take both course A and course B
- **OR** Students may take either course A or course B.
- **Concurrent With** – students must take all courses in the group in the same semester

Required course(s):



Use the "Create Course Group" button to enter any courses that must be completed before admission to this degree program (not admission to the college but to the specific program). Course lists for program requirements are added by defining course groups. **Any course group or subgroup enclosed by square brackets [] has been designated as a checkpoint.**

Create Course Group

Create Course List

Copy a Group/List

Merge Any Groups/Lists



No course groups currently exist.

< Previous Step

Save Changes

Save & Continue >

Relationship of items in this group: AND

☐ This group is a checkpoint requirement

Add Course

Add Subgroup

Add Sublist

Sort Courses

Save Changes

Save, Continue with Step

Cancel





Title: **AACRAO test**

**Approval Status:** Proposal Not Submitted

**Program Last Saved:** Feb 16, 2007 3:47:51 PM

**By:** Linda Ellinger



Delete Proposal

**SAVED**

**SAVED**

**SAVED**

**1**

General  
Info

**2**

Narrative  
Material

**3**

Admission  
Reqs

**4**

Program  
Reqs

**5**

Sub-plan  
Reqs

**6**

Sample  
Plan

**7**

Checkpoint  
Chart

**8**

Submit



## Instructions

Select the appropriate type of course(s) you would like to add, then click "Continue".

### Step 3 - Admission Requirements : Select Type of Course

- ☒ Designator and Course Number (e.g. **HIST 1001**)
- ☐ Designator and Level (e.g. **HIST 3xxx**)
- ☐ Other Courses/Requirements (e.g. Non-University courses, milestones, internship, etc.)

Continue

Cancel



## Instructions

To add another course of the same type click "Save & Add Another +". If you want to add courses of a different type, or when you have finished click "Save & Continue >".

## Step 3 - Admission Requirements : Create Course

### Designator with Course Number

**\*=Required field**

*Designator	*Course Number	Must take A-F	Minimum Grade	*Earliest Semester	*Latest Semester	*Recommended Semester
<input type="text" value="chem"/>	<input type="text" value="1021"/>	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="text" value="C-"/>	<input type="text" value="Year 1 - Fall"/>	<input type="text" value="Year 1 - Spring"/>	<input type="text" value="Year 1 - Fall"/>
<input type="checkbox"/> Preferred Course <input checked="" type="checkbox"/> Recommended or Required for Students in the Honors Sub-plan						

Save & Add Another +

Save & Continue >

Cancel

### Step 3 - Admission Requirements : Create Course

- Course 'CHEM 1021' has been saved.

#### Designator with Course Number

**\*=Required field**

*Designator	*Course Number	Must take A-F	Minimum Grade	*Earliest Semester	*Latest Semester	*Recommended Semester
<input type="text" value="chem"/>	<input type="text" value="1022"/>	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="text" value="C-"/>	<input type="text" value="Year 1 - Fall"/>	<input type="text" value="Year 1 - Spring"/>	<input type="text" value="Year 1 - Spring"/>
<input type="checkbox"/> Preferred Course <input checked="" type="checkbox"/> Recommended or Required for Students in the Honors Sub-plan						

Save & Add Another +

Save & Continue >

Cancel

[Add Course](#)[Add Subgroup](#)[Add Sublist](#)[Sort Courses](#)**Title:** Chemical Principles I

Course	Years Offered	Terms Offered	ECAS Status	Must Take	A-F	Minimum Grade	Credits	Earliest - Latest Semester	Recomm. Semester	Recomm. / Required for Honors	Liberal Ed Reqs
CHEM 1021 <a href="#">view prereq</a>	EVERY	Fall, Spring	Approved	Yes		C-	4.0	Y1 Fall - Y1 Spring	Y1 Fall	No	ENVT, PHYS SCI/L


[Edit](#)[Delete](#)[Move](#)⌵

AND

**Title:** Chemical Principles II

Course	Years Offered	Terms Offered	ECAS Status	Must Take	A-F	Minimum Grade	Credits	Earliest - Latest Semester	Recomm. Semester	Recomm. / Required for Honors	Liberal Ed Reqs
CHEM 1022 <a href="#">view prereq</a>	EVERY	Fall, Spring	Approved	Yes		C-	4.0	Y1 Fall - Y1 Spring	Y1 Spring	No	ENVT, PHYS SCI/L

[Edit](#)[Delete](#)[Move](#)⬆

Required course(s): 

Use the "Create Course Group" button to enter any courses that must be completed before admission to this degree program (not admission to the college but to the specific program). Course lists for program requirements are added by defining course groups. **Any course group or subgroup enclosed by square brackets [] has been designated as a checkpoint.**

Create Course Group

Create Course List

Copy a Group/List

Merge Any Groups/Lists



Show Course Group Details

Course Group Name: Demo course group

Course Group Description:

Students should take:

(CHEM 1021 and CHEM 1022)



Edit Course Group



Delete Course Group

< Previous Step

Save Changes

Save & Continue >

# What is a course list?

A course list is a set of elements -- courses, course groups, and/or course lists -- with a minimum number of courses or credits that must be taken from the subgroups in the set.

- **Take X COURSES** - Choose at least X number of courses from the subgroups in the set.

- **Take Y CREDITS** - Choose at least Y credits of courses from the subgroups in the set

To fulfill this requirement, students must satisfy all of the following conditions using courses within this Course List.

	Minimum	Maximum
Number of <b>courses</b> to be completed	2	N/A
Number of <b>credits</b> to be completed	6	N/A
Number of <b>sub-requirements</b> to be completed	N/A	N/A

☐ This course list is a checkpoint requirement

Add Course

Add Subgroup

Add Sublist

Sort Courses

Save Changes

Save, Continue with Step

Cancel

### Step 3 - Admission Requirements : Create Course

- Course 'HIST 3438' has been saved.

#### Designator with Course Number

**\*=Required field**

*Designator	*Course Number	Must take A-F	Minimum Grade	*Earliest Semester	*Latest Semester	Recommended Semester
<input type="text" value="hist"/>	<input type="text" value="3439"/>	<input type="radio"/> No <input checked="" type="radio"/> Yes	<input type="text" value="C-"/>	<input type="text" value="Year 2 - Fall"/>	<input type="text" value="Year 4 - Spring"/>	<input type="text" value="Select Semester"/>

☐ Preferred Course  
☒ Recommended  
or Required for Students  
in the Honors Sub-plan

Save & Add Another +

Save & Continue >

Cancel



**Students should take:**

(CHEM 1021 and CHEM 1022)



Edit Course Group



Delete Course Group

Move Course Group Down ▾

AND

**Course List Name:** Demo course list

**Course List Description:**

**Students should take:**

(Take 2 or more course(s) totaling 6 or more credit(s) from the following: HIST 3436, HIST 3437, HIST 3438, HIST 3439)



Edit Course List



Delete Course List

Move Course List Up ▲

< Previous Step

Save Changes

Save & Continue >

## NESTED course groups/lists

(ACCT 2050 and ESPM 3603 and ESPM 3604 and ESPM 5019 and (Take 6 or more credit(s) from the following: ESPM 3011W, ESPM 3202W, ESPM 3241W, ESPM 3602, ESPM 3605, ESPM 3606, ESPM 4061W, ESPM 4607, ESPM 4608, PLPA 3002))



Title: AACRAO test

**Approval Status:** Proposal Not Submitted

**Program Last Saved:** Feb 16, 2007 4:14:54 PM

**By:** Linda Ellinger



Delete Proposal

**SAVED**

**1**

General  
Info

**SAVED**

**2**

Narrative  
Material

**SAVED**

**3**

Admission  
Reqs

**SAVED**

**4**

Program  
Reqs

**5**

**Sub-plan  
Reqs**

**6**

Sample  
Plan

**7**

Checkpoint  
Chart

**8**

Submit

## Step 5 : Sub-plan

\*=Required field

Is a sub-plan required for  
this program?

☐ No

☒ Yes

Current sub-plans:

No sub-plans currently exist.

Create Sub-plan

< Previous Step

Save Changes

Save & Continue >



\*=Required field

## Step 5 :Sub-plan Creation

If you are creating a new sub-plan enter the appropriate information below. When you are finished, click "Save, Continue with Step".

\*=Required field

\*Title (short) of sub-plan:

\*Title (long) of sub-plan:

Associated program: AACRAO test

\*This sub-plan is a(n):

- ☒ Sub-plan which fulfills the 'Sub-plan Required' program requirement
- ☐ Optional Sub-plan
- ☐ Honors Sub-plan

\*Type of sub-plan:

First term admitting students: Spring 2007



## Step 5 : Sub-plan

\*=Required field

Is a sub-plan required for this program?

- ☐ No  
☒ Yes

Current sub-plans:

**Subplan 1**

[Edit 'Subplan 1'](#) | [Delete 'Subplan 1'](#) | [View 'Subplan 1'](#)

**Create Sub-plan**

< Previous Step

Save Changes

Save & Continue >



## Step 5 : Sub-plan

\*=Required field

Is a sub-plan required for this program?

- ☐ No  
☒ Yes

Current sub-plans:

**Subplan 1**

[Edit 'Subplan 1'](#) | [Delete 'Subplan 1'](#) | [View 'Subplan 1'](#)

**Subplan 2**

[Edit 'Subplan 2'](#) | [Delete 'Subplan 2'](#) | [View 'Subplan 2'](#)

**Create Sub-plan**

## Step 6 :Sample Plan(s)

To edit/view a sample plan, click on the appropriate link.

To create a new sample plan, click on the "Create Sample Plan for:..." button appropriate to the program/sub-plan you wish to create a sample plan for. For very large or complex programs, especially those with sub-plans and/or focuses, it may take a minute or more to load or create sample plans.

Please do not click back or stop on your browser.

**\*=Required field**

**\*Sample plan(s) with sub-plan:**



**There must be at least one sample plan for each sub-plan in this program.**

**Subplan 1**

No sample plans exist.

Create Sample Plan for Subplan 1

**Subplan 2**

No sample plans exist.

Create Sample Plan for Subplan 2

< Previous Step

Save Changes

Save & Continue >



## Step 6 : Sample Plan Detail

The courses displayed in this sample plan are based on the Recommended Semester entered for each course entered.

You can delete items below by clicking the "Delete" button next to the item. You can then add any new items (including freshman composition, language, and liberal/general education courses) by clicking the "Update Course/Items" button. Use the "Update Credits" button to change the number of credits for an item in the sample plan.

**\*=Required field**

\*Sample plan name:

Sample plan (total) credits: 53.0

### Sample Plan Details for Sub-plan: Subplan 1

Year 1 - Fall

[Update Courses/Items](#)

[Update Credits](#)

CHEM 1021 - Chemical

Principles I : 4.0 credits

(Admission Requirement >

[Delete](#)

[Move to](#)

Demo course group)

ENVT, PHYS SCI/L



## sample plan : Year 1 - Fall

### Courses

- ☒ **CHEM 1021 - Chemical Principles I** : 4.0 credits  
(Admission Requirement > Demo course group) ENVT, PHYS SCI/L
- ☐ **CHEM 1022 - Chemical Principles II** : 4.0 credits  
(Admission Requirement > Demo course group) ENVT, PHYS SCI/L

### General Requirements

- ☒ **LE Requirement** : 4.0 credits  
(General Requirement)

#### Add General Requirement

To add a general requirement, click the button with the name of the general requirement you wish to add, such as "Save and Add Elective".

**Save and Add Elective**

**Save and Add Freshman Composition**

**Save and Add LE Requirement**

### Other Requirements

**No Other Requirements exist.**

#### Add Other Requirement

**\*=Required field**

**\*Sample plan name:**

**Sample plan (total) credits:** 61.0

**Sample Plan Details for Sub-plan: Subplan 1**

**Year 1 - Fall**

[Update Courses/Items](#)

[Update Credits](#)

**CHEM 1021 - Chemical Principles I** : 4.0 credits

(Admission Requirement > Demo course group)  
ENVT, PHYS SCI/L

[Delete](#)

[Move to](#)

[Move ↴](#)

**LE Requirement** : 4.0 credits

(General Requirement)

[Delete](#)

[Move to](#)

[Move ^](#)

[Move ↴](#)

**LE Requirement** : 4.0 credits

(General Requirement)

[Delete](#)

[Move to](#)

[Move ^](#)

**Total credits:** 12.0 credits

**Year 1 - Spring**

[Update Courses/Items](#)

[Update Credits](#)

**CHEM 1022 - Chemical**

**SAVED****SAVED****SAVED****SAVED****SAVED****6****7****8****1**  
General  
Info**2**  
Narrative  
Material**3**  
Admission  
Reqs**4**  
Program  
Reqs**5**  
Sub-plan  
Reqs**Sample  
Plan****Checkpoint  
Chart****Submit**

Step 8 is

## Step 6 : Sample Plan - Update Credits for AACRAO test

Credits can be changed for sample plan courses/items. If the course/item is an ECAS course the credits must fall within the range available for the ECAS course. Change the credits for the desired courses/items then click "Save Changes".

### sample plan : Year 1 - Fall

#### Credits Sample Plan Course/Item

4.0 **CHEM 1021 - Chemical Principles I (4.0 cr)**  
(Admission Requirement > Demo course group)

**LE Requirement**  
(General Requirement)

**LE Requirement**  
(General Requirement)

**Save Changes****Cancel Changes**

Sample plan (total) credits: 60.0

**Sample Plan Details for Sub-plan: Subplan 1**

**Year 1 - Fall**

[Update Courses/Items](#)

[Update Credits](#)

**CHEM 1021 - Chemical Principles I : 4.0 credits**

(Admission Requirement > Demo course group)  
ENVT, PHYS SCI/L

[Delete](#)

[Move to](#)

[Move ▼](#)

**LE Requirement : 3.0 credits**  
(General Requirement)

[Delete](#)

[Move to](#)

[Move ^](#)

[Move ▼](#)

**LE Requirement : 4.0 credits**  
(General Requirement)

[Delete](#)

[Move to](#)

[Move ^](#)

**Total credits: 11.0 credits**

**Year 1 - Spring**

[Update Courses/Items](#)

[Update Credits](#)



**CHEM 1022 - Chemical Principles II : 4.0 credits**



(Admission Requirement > Demo course group)  
ENVT, PHYS SCI/L

[Delete](#)

[Move to](#)

## Checkpoint Chart

-  Potential term for fulfilling the requirement
-  Recommended term for fulfilling the requirement

		Year 1		Year 2		Year 3		Year 4	
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Checkpoint requirements	Requirement definitions								
• General requirement checkpoints (complete all)									
Freshman Composition	Complete the freshman composition requirement.								
• Sub-plan 'Subplan 1' requirement checkpoints (complete all)									
Subplan 1	<No checkpoints marked>								
• Sub-plan 'Subplan 2' requirement checkpoints (complete all)									
Subplan 2	<No checkpoints marked>								

< Previous Step

Save Changes

Save & Continue >

Relationship of items in this group: AND

☒ This group is a checkpoint requirement

Add Course

Add Subgroup

Add Sublist

Sort Courses

**Title:** Chemical Principles I

Course	Years Offered	Terms Offered	ECAS Status	Must Take	A-F	Minimum Grade	Credits	Earliest - Latest Semester	Recomm. Semester	Recomm. / Required for Honors	Liberal Ed Reqs
CHEM 1021 <a href="#">view prereq</a>	EVERY	Fall, Spring	Approved	Yes		C-	4.0	Y1 Fall - Y1 Spring	Y1 Fall	No	ENVT, PHYS SCI/L









Edit

Delete

Move

AND

## Checkpoint Chart

 Potential term for fulfilling the requirement  Recommended term for fulfilling the requirement		Year 1		Year 2		Year 3		Year 4	
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>Checkpoint requirements</b>	<b>Requirement definitions</b>								
• General requirement checkpoints (complete all)									
Freshman Composition	Complete the freshman composition requirement.								
• Admission requirement checkpoints (complete all)									
Demo course group	CHEM 1021								
Demo course group	CHEM 1022								
• Sub-plan 'Subplan 1' requirement checkpoints (complete all)									
Subplan 1	<No checkpoints marked>								
• Sub-plan 'Subplan 2' requirement checkpoints (complete all)									
Subplan 2	<No checkpoints marked>								