

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN SENATE  
COMMITTEE ON EDUCATIONAL POLICY  
(Final; Information)

EP.20.21 Report of Administrative Approvals through October 7, 2019

Senate committees are authorized to act for and in the name of the Senate on minor matters. Below is a listing of the administrative approvals the Senate Committee on Educational Policy approved at its meeting on October 7, 2019. Additional information for each approval is attached.

**A. Undergraduate Programs**

- 1) **Informatics Minor** – Revise the list of core programming courses from which students are to select one to include STAT 107, Data Science Discovery (3 hours). There is no impact on the total number of core programming courses required nor on the minor as a whole.
- 2) **Speech and Hearing Science Minor** – Revise the list of courses from which students are to select 8-9 additional hours of speech and hearing science courses with at least 6 hours at the 300- or 400-level as follows:
  - *Remove* SHS 150, Hearing Processes and Disorders (3 hours); SHS 270, Communication Disability in the Media (4 hours); SHS 410, Stuttering: Theory & Practice (3 hours); SHS 411, Normal and Disordered Voices (3 hours); and SHS 470, Neural Bases Speech Language (4 hours). SHS 150 and 411 are no longer being offered. SHS 410 and 470 are courses required for graduate students, so enrollment is capped, limited to majors, and advanced at a level not appropriate for non-majors.
  - *Add* SHS 333, Children with Neurodevelopmental Disorders Across Communication Contexts (3 hours); SHS 280, Communication Neuroscience (3 hours); SHS 380, Communicative Competence and Disorders (3 hours); and SHS 389, Neuroplasticity and Communication (3 hours). These courses represent topics relevant and complimentary to a variety of majors and are appropriate for students without an advanced-level background in speech and hearing science.

There is no change to the total number of hours required for the minor.



Date Submitted: 08/02/19 12:05 pm

Viewing: **5094 : Informatics Minor**

Last edit: 10/02/19 8:44 am

Changes proposed by: Karin Readel

[Informatics Minor](#)Catalog Pages  
Using this  
Program

## In Workflow

1. **U Program Review**
2. **1468 Head**
3. **LM Dean**
4. **University Librarian**
5. **Provost**
6. **Senate EPC**
7. Senate
8. U Senate Conf
9. Board of Trustees
10. IBHE
11. DMI

## Approval Path

1. 08/04/19 6:13 pm  
Deb Forgacs  
(dforgacs):  
Approved for U  
Program Review
2. 08/04/19 7:06 pm  
Karin Readel  
(kereadel):  
Approved for 1468  
Head
3. 09/30/19 4:45 pm  
Kathy Martensen  
(kmartens):  
Approved for LM  
Dean
4. 09/30/19 5:21 pm  
John Wilkin  
(jpwilkin):  
Approved for  
University  
Librarian
5. 10/01/19 10:38  
am  
Kathy Martensen  
(kmartens):

Approved for  
Provost

## Proposal Type

Proposal Type:

~~Minor (ex. European Union Studies)~~

This proposal is  
for a:

**Revision**

Proposal Title

**Administrative approval: Add STAT 107 as a core programming course option.**

Official Program Name Informatics Minor

Banner/Codebook Name  
Informatics

Program Code: 5094

Major Code	Minor Code	5094	Conc Code	Degree Code
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EPC Control Number **EP.20.21**

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

Effective Date:

Effective Catalog Term Spring 2020

Sponsor College Provost Academic Programs

Sponsor Department Illinois Informatics Institute

Sponsor Name **Karin Readel**  
**kereadel@illinois.edu**

Sponsor Email

College Contact

College Contact  
Email

Is this program interdisciplinary?

**No**

Academic Level Undergraduate

CIP Code

## Program Description and Justification

Justification for proposal change:

**We would like to add STAT 107 as a substitution to the core programming course requirement of CS 105. Current substitutions include CS 101, CS 125 and ECE 120/220. STAT 107 will be an appropriate course for students interested in pursuing data science electives vs. other electives focusing more on business applications, or other topics. The STAT dept has approved this request.**

Is This a Teacher Certification Program?

**No**

Will specialized accreditation be sought for this program?

**No**

## Admission Requirements

Desired

Admissions Term

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Describe how critical academic functions such as admissions and student advising are managed.

## Enrollment

Describe how this revision will impact enrollment and degrees awarded.

**We anticipate no real change in enrollment in the minor with this option. Students will most likely choose between CS 105 or STAT 107 (both of which are huge classes, and won't be impacted by INFO minor choices).**

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

Delivery Method

This program is available:

**Face-to-Face**

Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?

**No**

Budget

Are there budgetary implications for this revision? **No**

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

**No**

Additional Budget Information

Attach File(s)

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

**No**

Technology

Will the program need additional technology beyond what is currently available for the unit?

**No**

#### Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

**No**

## Resources

### Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

**Most students in the INFO minor currently choose CS 105 as their programming requirement, but it is often taken to satisfy a major requirement. We anticipate that some students will now choose STAT 107 instead (some are already taking both). Since both STAT 107 and CS 105 are very large courses, we do not anticipate that it will have an impact on overall enrollment in either course.**

### Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

**This will have no impact on Library Resources.**

### Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

**No**

Does this new program/proposed change result in the replacement of another program?

**No**

Does the program include other courses/subjects impacted by the creation/revision of this program?

**Yes**

Required courses

**STAT 107 - Data Science Discovery**

Explain how the inclusion or

removal of the courses/subjects listed above impacts the offering departments.

**see attached.**

Attach letters of support from other departments.

**STAT Support- INFO revision.pdf**

## Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

**No**

Attach letters of support

Will an existing tuition rate be used or continue to be used for this program?

**Yes**

## Program Regulation

Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable.

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning.

Is the career/profession for graduates of this program regulated by the State of Illinois?

**No**

## Program of Study

*"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source:*



*<https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.*

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs **[INFOMinorRevision-8-2-19.docx](#)**

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

**The Minor in Informatics will teach you to become a better creator and user of computing technology in your major area and to think critically about new technology's role in society. No other field has, and will have, a greater influence on humanity in our generation.**

**Informatics studies the design, application, use and impact of information technology. The ability to handle vast amounts of information cheaply has changed the way we live. Advances in computer power, the World Wide Web, search engines, social networking, mobile technology, GIS, and large-scale collaborative initiatives, to name a few, have revolutionized the way knowledge is created and shared. Information has become a ubiquitous, indispensable component of our everyday lives, as we strive to manage information, create knowledge, and make decisions.**

**The Informatics Minor signals that you have concrete expertise in computing and Information Technology (IT) and understand their human implications.**

**Students from any major interested in applying technology or studying its effect on humanity are encouraged to apply, preferably by the end of sophomore year. Although there are no prerequisites, basic familiarity with computers is expected. To receive the Informatics Minor students must complete three core courses plus three upper-level classes with sufficient informatics or computational content from an approved list of courses offered from a wide range of disciplines. The core courses are INFO 102, CS 105, and INFO 202. INFO 102 is a broad introduction to computer science and provides an understanding of the nature, capabilities, and limitations of IT. CS 105 is an introduction to computer programming for non-science and non-engineering majors. INFO 202 explores the ways in which IT has and is transforming society and how these technologies affect a range of social, political, and economic issues from the individual to societal levels. Some substitutions can be made. The list of upper-level courses that count toward the minor is here: <https://www.informatics.illinois.edu/courses-for-the-minor/>. This list is dynamic as new classes are added each year.**

Statement for Programs of Study Catalog

Course requirements for students who are not CS majors or minors or ECE majors:

Course List		
Code	Title	Hours
<a href="#"><u>INFO 102</u></a>	Little Bits to Big Ideas	4
<a href="#"><u>INFO 202</u></a>	Social Aspects Info Tech	3

Code	Title	Hours
Select one of the following:		3
<a href="#">CS 105</a>	Intro Computing: Non-Tech	
<a href="#">CS 101</a>	Intro Computing: Engrg & Sci	
<a href="#">CS 125</a>	Intro to Computer Science	
<b><a href="#">STAT 107</a></b>	<b>Data Science Discovery</b>	
<a href="#">ECE 120</a> & <a href="#">ECE 220</a>	Introduction to Computing and Computer Systems & Programming	
3 upper-level courses from an Informatics-approved list of courses from a variety of disciplines, 9-12 all with sufficient informatics or computational content		
Total Hours		19-22

## Course requirements for CS and ECE majors and CS minors:

### Course List

Code	Title	Hours
<a href="#">INFO 202</a>	Social Aspects Info Tech	3
Select one of the following:		3-4
<a href="#">CS 101</a>	Intro Computing: Engrg & Sci	
<a href="#">CS 125</a>	Intro to Computer Science	
<a href="#">ECE 220</a>	Computer Systems & Programming	
4 upper-level, non-CS courses from an Informatics-approved list		12
Total Hours		18-19

## EPC Documentation

Attach  
Rollback/Approval  
Notices

## DMI Documentation

Attach Final  
Approval Notices

Attached  
Document

Justification for  
this request

Program Reviewer  
Comments

**Kathy Martensen (kmartens) (10/01/19 10:38 am):** Administrative approval: Increases options for students, no change to total number of hours required for the minor.



Date Submitted: 09/30/19 12:22 pm

Viewing: **0354 : Speech and Hearing  
Science Minor**

Last edit: 09/30/19 12:22 pm

Changes proposed by: Pasquale Bottalico

[Speech & Hearing Science Minor](#)

Catalog Pages

Using this

Program

## In Workflow

1. **U Program Review**
2. **1679 Committee Chair**
3. **1679 Head**
4. **KY Committee Chair**
5. **KY Dean**
6. **University Librarian**
7. **Provost**
8. **Senate EPC**
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. DMI

## Approval Path

1. 09/30/19 1:48 pm  
Deb Forgacs  
(dforgacs):  
Approved for U  
Program Review
2. 09/30/19 2:13 pm  
Pamela Hadley  
(phadley):  
Approved for 1679  
Committee Chair
3. 09/30/19 2:14 pm  
Karen Kirk  
(kikirk): Approved  
for 1679 Head
4. 10/02/19 4:49 pm  
Reggie Alston  
(alston): Approved  
for KY Committee  
Chair
5. 10/02/19 4:49 pm  
Reggie Alston

- (alston): Approved for KY Dean
6. 10/02/19 5:24 pm  
John Wilkin  
(jpwilkin):  
Approved for University Librarian
7. 10/03/19 8:17 am  
Kathy Martensen  
(kmartens):  
Approved for Provost

## Proposal Type

Proposal Type:

~~Minor (ex. European Union Studies)~~

This proposal is

for a:

**Revision**

Proposal Title

**Administrative approval: Revision of the Speech and Hearing Science (SHS) Undergraduate Minor, in the Department of SHS, College of Applied Health Sciences**

Official Program Name      Speech and Hearing Science Minor

Banner/Codebook Name

Speech and Hearing Science

Program Code:      0354

Major Code	Minor Code	Conc Code	Degree Code
	0354		

EPC Control Number

Senate Approval Date

Senate Conference Approval Date

BOT Approval  
Date

IBHE Approval  
Date

Effective Date:

Effective Catalog Term      Spring 2020

Sponsor College      Applied Health Sciences

Sponsor Department      Speech & Hearing Science

Sponsor Name      **Pamela A. Hadley; Fatima Husain**      Sponsor Email  
**phadley@illinois.edu;**  
**husainf@illinois.edu**

College Contact      **Reginald Alston**      College Contact  
**alston@illinois.edu**      Email

Is this program interdisciplinary?

**No**

Academic Level      Undergraduate

CIP Code

## Program Description and Justification

Justification for proposal change:

**(#1) Elective courses removed: (a) SHS 150 Hearing Processes and Disorders, SHS 270 Communication Disability in the Media, and SHS 411 Normal and Disordered Voice are no longer being offered and there are no plans to offer them in the future, thus they are removed from the list of specified electives.**

**(b) SHS 410 Stuttering: Theory & Practice and SHS 470 Neural Bases Speech Language are both required courses for graduate students, so enrollment is capped and limited to majors; additionally, these are advanced courses within speech and hearing science and taught at a level that is not appropriate for non-majors.**

**(#2) Elective courses added: (a) SHS 333 Children with Neurodevelopmental Disorders Across Communication Contexts and SHS 389 Neuroplasticity and Communication are both new additions to our curriculum. They represent topics that are relevant to a variety of majors and that are appropriate for students without a thorough background in speech and hearing science, thus they are added to the list of specified electives for minors.**

**(b) SHS 280 Communication Neuroscience and SHS 380 Communicative Competence and Disorders represent topics that are relevant to a variety of majors and that are appropriate for students without a thorough background in speech and hearing science, thus they are added to the list of specified electives for minors.**

Is This a Teacher Certification Program?

**No**

Will specialized accreditation be sought for this program?

**No**

## Admission Requirements

Desired

Admissions Term

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Describe how critical academic functions such as admissions and student advising are managed.

## Enrollment



Describe how this revision will impact enrollment and degrees awarded.

### **No changes on the enrollment are foreseen**

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

Delivery Method

This program is available:

**Face-to-Face**

Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?

**No**

## Budget

Are there budgetary implications for this revision? **No**

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

**No**

Additional Budget Information

Attach File(s)

## Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

**No**

Technology

Will the program need additional technology beyond what is currently available for the unit?

**No**

## Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

**No**

## Resources

### Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

**We do not anticipate that this revision will alter the number of students entering into the minor. The addition of these electives may have some impact on class size for these courses. We have sufficient faculty and graduate student expertise to increase enrollment and allocate TA support to these courses, as needed, to accommodate the increasing class size.**

### Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

**The revised undergraduate minor does not create any new courses. As such, there are no changes in library utilization or resource utilization related to this revision.**

### Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

**No**

Does this new program/proposed change result in the replacement of another program?

**No**

Does the program include other courses/subjects impacted by the creation/revision of this program?

**No**

## Financial Resources

How does the unit intend to financially support this proposal?

**No additional financial support is required to add the four courses to the list of specified electives for the undergraduate minor. The minor is relatively small with 17 students currently enrolled. We have the capacity and faculty expertise to meet increasing enrollment in these courses with an interest in our minor grows.**

Will the unit need to seek campus or other external resources?

**No**

Attach letters of support

Will an existing tuition rate be used or continue to be used for this program?

**Yes**

## Program Regulation

Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable.

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning.

Is the career/profession for graduates of this program regulated by the State of Illinois?

**No**

## Program of Study

*"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.*

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs [\*\*SHS side-by-side comparison \(corrected v2.docx\)\*\*](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chosed-from" lists of courses students can select from to fulfill requirements, a listing

of these courses, including the course rubric, number, title, and number of credit hours.

### Catalog Page Text

Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

### **Speech and Hearing Science Minor**

**The undergraduate Speech and Hearing Science Minor is designed for students who seek a basic familiarity with the physical, behavioral, biological, and social aspects of human communication. The minor is tailored to each student's individual needs, thus accommodating students from different disciplines across the campus. There are no prerequisites for this minor. For more information contact Kathi Ritten, Academic Advisor, at [ritten@illinois.edu](mailto:ritten@illinois.edu).**

**For more information call the Department of Speech & Hearing Science at 333-2230. Use the following link to find the Statement of Intent to Pursue a Campus Approved Minor.**

Statement for Programs of Study Catalog

**Minimum required major and supporting course work: Students must meet the following course requirements for a total of 17-19 hours.**

#### Course List

Code	Title	Hours
<u><a href="#">SHS 170</a></u>	Intro Hum Comm Sys & Disorders	3
Select two of the following:		6-7
<u><a href="#">SHS 222</a></u>	Language & Culture of Deaf Communities	
<u><a href="#">SHS 240</a></u>	Intro Sound & Hearing Science	
<u><a href="#">SHS 300</a></u>	Anat & Physiol Spch Mechanism	
<u><a href="#">SHS 320</a></u>	Development of Spoken Language	
<u><a href="#">SHS 352</a></u>	Hearing Health and Society	
Eight (8) to nine (9) additional hours of speech and hearing science courses chosen from the following list, with at least six (6) credit hours at the 300-400 level.		8-9
<u><a href="#">SHS 120</a></u>	Child, Comm, & Lang Ability	
<u><a href="#">SHS 200</a></u>	General Phonetics	
<del><u><a href="#">SHS 270</a></u></del>	<del>Comm Disability in the Media</del>	
<u><a href="#">SHS 271</a></u>	Communication and Aging	
<b><u><a href="#">SHS 280</a></u></b>	<b>Communication Neuroscience</b>	
<u><a href="#">SHS 301</a></u>	General Speech Science	
<b><u><a href="#">SHS 333</a></u></b>	<b>Children with Neurodevelopmental Disorders Across Communication Contexts</b>	
<u><a href="#">SHS 375</a></u>	Comm Partners & Health	
<del><u><a href="#">SHS 410</a></u></del>	<del>Stuttering: Theory &amp; Practice</del>	
<del><u><a href="#">SHS 411</a></u></del>	<del>Normal and Disordered Voice</del>	
<b><u><a href="#">SHS 380</a></u></b>	<b>Comm Competence and Disorders</b>	

Code	Title	Hours
	<b>SHS 389 Neuroplasticity and Communication</b>	
<u>SHS 427</u>	Language and the Brain	
<u>SHS 450</u>	Intro Audiol & Hear Disorders	
<u>SHS 451</u>	Aural Rehab Children to Adults 1	
<del>SHS 470</del>	<del>Neural Bases Spch Lang</del>	
<u>SHS 473</u>	Augmentative & Alt Comm 2	
<b>Note: Students must take at least six credits hours of speech and hearing science courses at the 300 or 400 levels from this approved list.</b>		

## EPC Documentation

Attach  
Rollback/Approval  
Notices

## DMI Documentation

Attach Final  
Approval Notices  
  
Attached  
Document

Justification for  
this request

Program Reviewer  
Comments

**Fatima Husain (husainf) (05/10/19 1:39 pm):** This is a well written proposal to clean up and streamline the offerings for the SHS minor. This is due to courses being discontinued or at capacity with the Master's students and majors, and new courses being offered.

**Jon Welty-Peachey (jwpeach) (05/10/19 2:25 pm):** Strong proposal with only minor revisions to the curriculum proposed. This all seems fine from my perspective.

**Sean Mullen (spmullen) (05/13/19 9:10 am):** This proposal appears to satisfy minor requirements and the changes are justified given the evolution of the SHS curriculum. Looks good.

**Toni Liechty (tlichty) (05/13/19 9:18 am):** Looks good overall. Revisions are justified.

**Laura Payne (lpayne) (05/13/19 1:12 pm):** This looks fine to me too.

**Kathy Martensen (kmartens) (05/16/19 8:56 am):** Rollback: email exchange 5/16-17

**Kathy Martensen (kmartens) (05/16/19 8:59 am):** Rollback: Two questions: The table that was input into the proposal did not match the side-by-side comparison doc that was attached. Current version has been updated by Deb to match the side-by-side. Please check them against each other to ensure accuracy and to confirm that this

is indeed what's being asked (e.g., maybe it was the s-b-s that was wrong? hopefully not!). Second, we are moving away from links of approved lists. As such, the link to the minor form and contact info has been moved to the "editorial" content. Please advise as to how you wish to handle the list of 6 hours of 300- or 400-level SHS courses. Can we simply add them? Thanks! --Kathy & Deb

**Reggie Alston (alston) (08/19/19 5:33 pm):** Rollback: Hello Pasquale, See the edits proposed by Kathy Martensen in the comments section. Please address and resubmit. Thanks.

**Kathy Martensen (kmartens) (09/19/19 2:08 pm):** This is an update to a choose-from list and does not impact the total number of hours required for the minor.

**Kathy Martensen (kmartens) (09/20/19 8:48 am):** Rollback: The Program of Study table still does not match the listing of courses in the justification nor does it match the side-by-side comparison that's included. Specifically, the table does not include SHS 150 or SHS 280 as additions. Please clarify and add these to the table if indeed the intent is to include them; if not, please edit the justification and the side-by-side comparison to remove them. Thanks! --Kathy

**Reggie Alston (alston) (09/27/19 12:42 pm):** Rollback: Pasquale, As we discussed by phone, I'm rolling the proposal back to you for revisions (see comments by Kathy Martensen). I apologize for the mix-up.