liberalarts

FACULTY
Advisement Guide

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Liberal Arts and Sciences Webpage:

Liberal Arts

The website contains a lot of information, including tutoring schedules, CUNY BA updates, course recommendations, and curriculum/Capstone-WI sheets students can download. Please take a look, and let students know to use the site as an active resource.

General Advising Information

All students should provide their **EMPL ID**: 8-igit number that begins ***15xxx***, ***23xxx***, or ***24xxx***.

- **15xxx** generally means that the student has been matriculating within CUNY for more than 15yrs

For advising, the most important thing to understand, when recommending courses that students should register for, is the student's **intent: to graduate, transition into another NYCCT program**, or **Transfer**.

- If the plan is to **transition**, run a **What-If** for the intended program. If transferring **within CUNY**, run a **Transfer What-if.** (see How To "What-if")
    - If **transferring in or outside of CUNY**, tell the student to go to the college/program website and verify the **GPA** needed, as well as **MQR** and **LPS, and any additional math or sciences needed**; additionally, the student should check to see if there is a **Flex Core/GEN ED** course(s) the transfer school asks for that can be taken to fulfill a **Flex Core** category at NYCCT. **For example,** PSY 1101 and COM 1330 are popular courses that many programs across CUNY require. (see Transfer Students/Fee Waivers)

Keep in mind, students must have **12 credits** to be considered Full time. As a program, Liberal Arts encourages **at least 15 credits per semester**, unless students have a low **GPA** or indicate that 12 credits is all they can handle.

- If at least **12 credits being taken are contributory**, students who receive a **Financial Aid** (**FA)/TAP** warning for a class that is an **Elective Class NOT Allowed (ECNA)** should be okay, but inform them that this must be confirmed by the **FA** office Here
    - Registering for at least **15 credits**, 12 of which are contributory outside of being a **possible elective**, usually prevents this from becoming an issue

All students being advised should enroll themselves via **Schedule Builder** or **CUNYfirst**. Advisors **do not** register students. Students are often confused because the STAR team enrolls all incoming Freshman/Transfer students their first semester, but that action only applies to the student's "entering" semester. Any students who say they need help registering, the steps are here

FYI : TAP & PELL

Keep the info below in mind, but remember that any specific questions about financial aid should always be referred to their office.

- **TAP** goes by number of semesters and not number of degrees. It can cover **Associate** students for up to 6 semesters, and **Bachelors** students for up to 8 semesters
- Unlike **TAP**, Pell goes by number of credits—up to 100. Any student who says they're receiving Pell, check the number of credits applied
- Full-time tuition covers 12-18 credits for students with proficiency in English and Math; 12-15 before proficiency. Anything less than the 12 credits is considered part time and will impact FA/TAP allocations
- For specific **TAP questions/concerns**, students should email Marcia Pesso, TAP Certifying Officer MPesso@citytech.cuny.edu
    - **FINAL SEMESTER ONLY**
      In a student's last semester they can take non-contributory classes (ECNA) to maintain full-time status for **TAP**, provided they were a full-time student and received TAP for the **prior two semesters**

For Non-degree, tuition is higher; but if it means students can raise their GPAs and avoid academic dismissal, or take a single class to get into another program, it may be worth it: Non-Degree

MATH 1275CO ALERT

Starting Spring 2021, because of the 2 supplemental hours, this **4 credit course** will count for **6 hours** toward full-time status for **TAP**.

- The main impact is that if students take **MAT 1275CO**, they only need two 3-credit classes to be considered **full time**, rather than three

W and WU ALERT:

Inform students of the latest CUNY Updates, **beginning Fall 2024**:

W: Withdrew. Student participated in an academically related activity at least once ***PLEASE NOTE:*** *the final date to receive the* ***W will ONCE AGAIN have a 60% of the semester deadline.*** *The W will no longer be an option after this date. S****ee campus Calendar*** *for exact dates*

Here is updated language on the WU, which will remain non-punitive toward the GPA.

WU: Withdrew Unofficially: *A grade of WU is to be assigned to students who participated in an academic activity related to the class at least once, stopped participating, did not drop the class or receive approval for an incomplete, did not otherwise officially withdraw from the course, and did not complete enough work for the instructor to be able to calculate an earned grade using the criteria delineated in the course syllabus.* A 'F' grade should never be given in place of a 'WU' grade.

Keep In Mind: WL/Parents/LAS reminders/Applied Sciences

When advising an **LAA** student, **always check the WCGI** to see if a **World Language** is plotting. **Email the director** if a language that is in **sequence** is plotting in **WCGI**.

- Students beginning language placement must start the process here, to determine if they begin in 1101 or higher: WL Placement
- Students who place into 2202/**2402** level are only required to fulfill one more 3000-level World language
- Any LAA student whose World Language placement is ABOVE the 2202/**2402** level can now exempt out completely. Encourage these students—especially if they don't already have 3 or more electives—to still take classes in the language, such as a Spanish Literature or Spanish for Health professionals, to complete the required 9 elective credits
    - *Keep in mind that with exemption, students must still complete the required 9 credits*

***Advisors are allowed** to respond to emails from parents. However, **we are NOT allowed to discuss academic information without the student completing and submitting a FERPA form**. If your are contacted by a parent and believe that the conversation is inappropriate, feel free to email the Dean of the School of Arts & Sciences or the Director of Liberal Arts and Sciences.

LAS is for **STEM-focused** students who want to pursue a **degree/career** that **requires high-level math** and **sequential science** courses. Always ask if this is what they're planning. (See LAS/DentalNursing/Rad Tech) If a first or second semester student says they are interested in one of the Applied Sciences—which do not require sequential math courses—advise them to consider a **Change of Major** into the Health Sciences AS:

- For **LAS**, students should be pursuing a **STEM** major. Advisors should encourage students not interested in **Engineering** or **one of our MATH degrees** to go into our **CHEM, BIO, and PHYS BS degree** programs. These 3 programs overlap with LAS, and students who transition into these programs can also **reverse-transfer** and still receive the LAS Associates degree
- If a LAS student indicates an interest in eventually going to Medical school, refer them to our Pre-Med advisor, Dr. Armando Solis (Biology), at ASolis @citytech.cuny.edu
- Before submitting a Change of Curriculum form, **any student interested in transitioning into Biomedical Informatics** should be told to email Kim Hatcher at BIBcoordinator@citytech.cuny.edu
- Any student interested in transitioning into BIO **must take CST 1101**, too, so make sure to advise students to take this class an elective

Any students with a **GPA lower than 2.5** who say they want to **transition or transfer** should be told to focus on raising their GPA so that they are viable candidates for their intended programs.

Students who are interested in **Nursing, Rad Tech,** or **Dental Hygiene** should be told that they need an **A** or **high-B grade** in the **Pre-Clinical courses/ /Introductory Term Requirements**. Also, for serious consideration, the **GPA requirements** for these programs is usually **3.5** or higher. Inform students that they should contact these programs directly.

- If a student informs you that they want to do a **change of curriculum** into **Nursing**, **Rad Tech**, or **Dental Hygiene**, inform them that after they have completed the pre-clinical courses, they should contact the program directly regarding admission (see forwarding Statements)
- If **Nursing**, ask if they have started preparing for the **TEAS** exam. If unaware, direct them here, regarding general information and dates for TEAS Prep.

LAS SPECIALIZATIONS

Beginning Fall 2022, students who enter LAS—first year, transitioned into program, or transfer—will now have a "Specialization" concentration under the "**Major in Liberal Arts & Sciences**" area on DegreeWorks.

- If the student entered LAS before Fall 2022, the familiar "General" curriculum should appear

If a specialized science is chosen, students will have the option to transition seamlessly into one of our BS programs:

BIO, CHEM, PHYS

When you see this new configuration, depending on which major the student indicates interest, advise based on the specific science track +required math (see program's **Sample Course of Stud**y).

- Because this is new, the required courses needed for the specialization **will probably not** appear because the student hasn't identified the chosen area yet; as such, most students' audits will appear as **General**
- Ask which area they want to matriculate; if they know, simply run a What-if
    - Next, under "concentration," select the specified field of study
    - Once the concentration is selected, the "Major in AS" category will show exactly what is needed
    - If they haven't decided, no worries; General curriculum is still an option
- For those who are definitely following the LAS track—even if just General—here is our webpage overview, including "Why Specialize?"

FYI:

If you have a LAS student who has upward of 40 credits and has NOT already completed a science sequence or taken math higher than MAT 1275, consider sending this message:

LAS is for students who plan to take sequential math and science courses. Students in LAS usually transition into one of our Science programs—BIO, CHEM, or PHYS—or want to pursue a degree in mathematics (including Computer Science AS) or engineering. Is this your plan?

- If so, which science specialization do you want to follow: BIO, CHEM, or PHYS?
- If you prefer to follow the General LAS curriculum, only one Science Sequence is required (see curriculum sheet)

Lastly:

If a Specialization field of courses shows in the audit and a student informs you that this was not their chosen field of study, just notify the director.

- Putting the student in the right LAS specialization just requires submitting a change of major form found here. Meanwhile, to advise accurately, just run a What-if in the specialization the student prefers.

CR/NC

First-year students—either Freshman or transfer—can convert a single class in which they have a **D** or **F** to CR/NC. ***They will not be able to convert a class with a C or higher to CR.***

This makes the one-to-one mapping clear for programs that have requirements of C or higher.

- *For example*, pre-Allied Health programs will regard CR as D for entrance evaluation purposes

What Will My GPA Be If…?

If students ask, this site will help determine their current semester's average: GPA Calculator

Transitioning Student Advisement

For students interested in a **Change of Curriculum**, advise them on their available Liberal Arts classes and the intended program's MAJOR **introductory classes** only. To do this, run a **what-if**, and/or check the department's web page to see if there are any specific GEN ED classes that the program requires:

- **For Example**, Communication Design **(COM D**) has an ARTH 11xx(any) requirement, which LAA students can fulfill with their **USED** or **CE**
- On the COM D page, click their **Sample Course of Study**. Next, click the first semester COM D courses listed, to make sure they don't require pre-reqs your student hasn't fulfilled. For their introductory major requirements, **students can take** COM D 1100, 1127, and 1123. These are introductory classes that are pre-reqs for future COM D courses
    - Always ask students if they are positive they want to transition. If there is even a **slight uncertainty**, advise them to remain in Liberal Arts, fulfill their GEN ED based on that program's requirement, and take an introductory course as an Elective; this way, they get to see if they actually want to pursue the field of study without switching back and forth
- **If ready** to transition, let them know that programs often want students taking certain courses during certain semesters, and that they should contact the program ASAP. All **program advisement** details can be found on their webpage, or here: Academic Advising - Virtual Advisors - City Tech

Transfer Students/Fee Waivers

For current CUNY students: CUNY Fee Waivers

Inform students who say they want to transfer to another CUNY campus that the deadlines are usually the same every year: **FALL** is 2/1 and **Spring** is 9/15. Forward the application instructions link Transfer

- Current CUNY students: if you're currently enrolled at CUNY and intend to transfer without a gap in your enrollment, answer the CUNY Enrollment question on the application to waive your application fee

- Current High School students: See your high school counselor to see if you are eligible for an application waiver. Click here for a video on adding a waiver code to your application
- Veterans and spouses of veterans: Answer the US Military Status question on the application and upload proof of service in the supporting documents section of the application to receive a waiver. Acceptable forms of proof are DD-214, current Military ID Card, Deployment Orders or Pre-separation Orders. Spouses of veterans can provide Form 1173/1173-1 as proof of military affiliation

How To "What-If"

To see how a student's current course curriculum will transition into another program, run a **What-if** on **DegreeWorks**: (How to What-If)

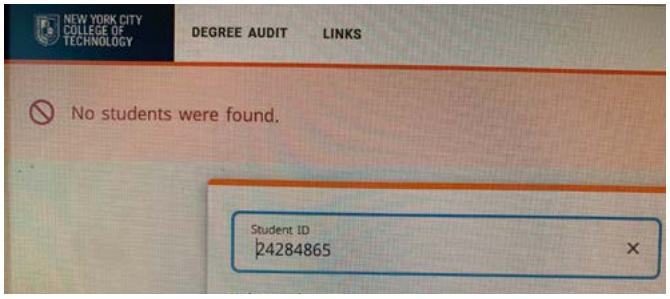
Official/Unofficial Transcript

If students ask about an Official transcript, which must be submitted to any requesting institution—college, employment, financial—the instructions are here: Transcripts

If students ask about an Unofficial transcript for their personal records, forward these steps: (Click for Information)

DegreeWorks & CO/ML Sections & Electives

When copy and pasting the EMPL ID into DegreeWorks, if you get a "student Information not found" message, make sure that only 8 digits have been included. Another common glitch is if there is a space between the ID box and the first number. In this case, just use the cursor and bring it in one space to remove the gap:



At the top of DegreeWorks underneath "Degree in..." is the "CUNY Skills Assessment & Placement" box. The open red circles that say "Still Needed" must be fulfilled before taking major courses like ENG 1101 or MAT 1275. If a student has a checked box, indicating that the proficiency needed for Math and Reading and Writing Placement has been fulfilled, **and still cannot register for MAT 1190 or 1275 or ENG 11101**, try MAT 1190 CO/1275CO, and ENG 1101CO or ML. These classes are based on placement and provide additional support, but once the CO section is completed, the requirement is fulfilled and students, if needed, can move forward into the next course.

- MAT 650 is no longer being offered. If placement says the course is needed, the student should register for either MAT 1190CO or MAT 1275CO

- For the ENG sections, the "Still Needed" may still be visible. If there are no specific ESOL courses listed in this section, students need to register for either a CO/ML section

ENG 1101 ML is specifically for multi-language speakers who need additional practice using English. Under **CUNY Skills & Placement**, Reading & Writing Placement should be checked as fulfilled.

- Students in ENG 1101CO must wait until grades post before registering for any classes that have historically had a Reading/Writing proficiency requirement. Usually, this includes ENG 1121, too
    - Any questions about ENG 1101CO, please email co-coordinators Mark Noonan and Scott Dahlie at MNoonan@citytech.cuny.edu and Scott.Dahlie82@citytech.cuny.edu
    - Any questions about ENG 1101ML and/or ESL proficiency, please email Dr. Anna Do at ADo@citytech.cuny.edu

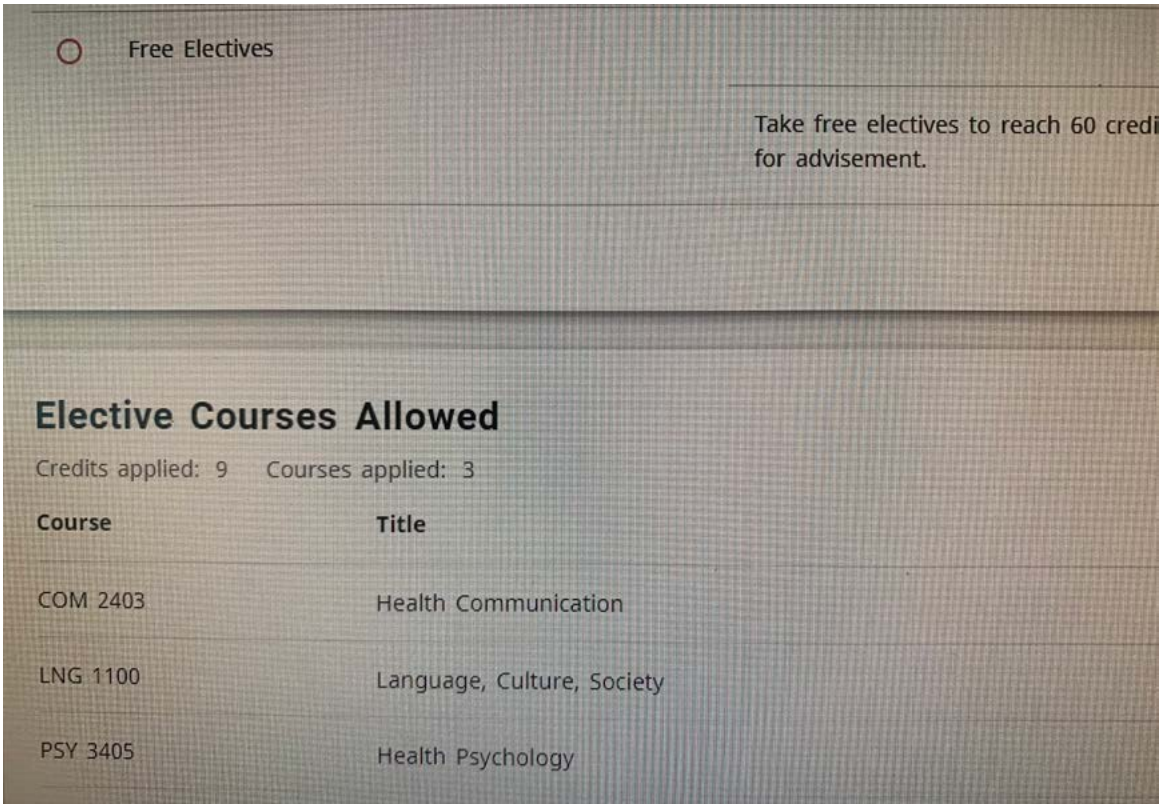
- When advising, inform students it is their responsibility to see where classes plot; moreover, If any course falls out as an Elective Classes **NOT** Allowed (**ECNA**), contact the director immediately at **Jwilliams@citytech.cuny.edu** (**see "contributory" above**)
    - The only **ECNA** that students should be concerned with are for the upcoming semester**(s). (ex. Summer/Fall 2024)**

- If the CUNY Skills & Assessment says **"still needed"** but the student has already taken **ENG 1101** or fulfilled the **MQR** (**ex**. **MAT 1190** or **MAT 1275**), ignore the warning. This is only an issue if trying to register for a course and an error message says **"proficiency needed."** Otherwise, it's merely a glitch that hasn't closed, but the **Registrar** will correct when they apply for graduation
    - If this is the case, tell students **DO NOT** register for the **still needed** class(es) listed

Elective Credits Allowed (ECA) now has a statement at the top of the student's DegreeWorks page.

- PLEASE make sure that no matter how many electives the "Based on your current enrollment, you must take..."statement says, it meshes with the amount of ECA showing at the bottom of the audit
    - **Ex.** If it says that 11 elective credits are still needed at the top, but there are 12 elective credits under ECA, verify with the director before telling students to take additional elective courses (**NOTE**: rarely will a student be afforded more than 12 ECA)

One additional (*GEN ED req*) and **Electives/ECA** are essential classes for students, especially if planning to transition into another program or transfer to another campus. Please advise students to wait until they're sure what another program may require before plotting a class in either category.



Free Electives

Take free electives to reach 60 credi
for advisement.

Elective Courses Allowed

Credits applied: 9 Courses applied: 3

Course	Title
COM 2403	Health Communication
LNG 1100	Language, Culture, Society
PSY 3405	Health Psychology

If a **LAS** student has **50 + credits** and has not taken **MAT 1475** & **1575**, inform students that an elective might not be possible. The same is true for **LAA** if the **World language sequence** hasn't been completed.

Faculty Commons

For Contact and Information, go here

Be On The Lookout

Whenever you see the **One Additional fulfilled** while the GEN ED/Flex Core category for that class is **still available**, explain that the one additional can actually fulfill the needed/ open category. Once moved, the one additional can then be selected from **any** Flex Core category. Next, look and see if there is an Elective Class Allowed (**ECA**) or Elective Class Not Allowed (**ECNA**) that can be moved up.

- **Ex**. PSY 1101 is plotting as a One Additional and the **IS category** is still open. The PSY 1101 can actually fulfill the IS and the **One Additional may now** be selected from **any** of the 5 Flex Core categories. Looking at the ECNA, you see that the student has BIO 2312 plotting; this course can/should be moved up to fulfill the One Additional
- If you suspect this is the case, just contact the director to confirm before informing the student

Returning Students: Failed grades & AAS programs

If a returning student has been **away from campus for five years or more**, this is the college's official policy for "failed" grades:

Academic Forgiveness Policy

Former City Tech students who return after an absence of at least five years are reinstated under this policy. Unsuccessful grades (F, FIN, WU, or WF) received five years or more prior to readmission will not be calculated into their cumulative GPA, although they will remain visible on their transcripts. This policy gives students a second chance to complete a City Tech degree. Eligibility for financial aid is determined by Student Financial Services in accordance with Federal and State financial aid regulations and may require a waiver request. The Academic Forgiveness Policy does not override financial aid regulations. Students readmitted under this policy should speak to a Financial Aid Specialist regarding their eligibility for aid. The Financial Aid and TAP directors will be notified by the Registrar's Office when a student is readmitted under this policy. Students who were academically dismissed will need to apply for readmission through the Committee on Course and Standards.

Returning students interested in Nursing, Dental Hygiene or Rad Tech who took a required science course dated at least five years ago should contact an advisor in the desired program; these courses, regardless of grade, will probably have to be retaken.

Winter Session

Inform students that Winter Session is very intense and we do not advise students with low GPAs to enroll.

- **In Liberal Arts**, **ONLY** AFR, Humanities, and Social Sciences actually offer for-credit Winter courses
- Students who have been enrolled in 12 credits or more may ePermit, but inform them that Winter courses at other campuses may roll over into the Spring semester; this is especially true for any Math, Science, and Word Language courses
- Students who are struggling in MATH are advised to enroll in the **no credit** MAT bootcamp, which is an intense overview of the course they will be taking/retaking in the Spring. If the student is worried about, or currently struggling in, MAT 1375, they should consider taking the MAT 1375 bootcamp, which will not harm their GPA

Refer students to the Liberal Arts and Sciences Webpage for the latest available schedules: Winter Session

Summer Sessions

8 credits per session

Refer students to the Liberal Arts and Sciences Webpage for the latest available schedules: Summer School

Summer/Winter Session

FA/FASFA generally covers summer, as long as the MAX available for the school year has not been met. Winter Session is **part of Spring** semester. As such, **Winter is not automatically covered by TAP**. Students asking about Winter should consult a FA counselor to see how many credits must be registered for to have Winter covered by their current Aid package.

Note: FA is generally not an issue if the student still registers for at least 12 contributory credits in Spring.

e-Permit Inquiries

Most students are eligible to **e-Permit** a needed class that fulfills the same Flex Core or Major requirement, at another CUNY campus. Inform students that instructions and details can be found here: ePermit - Office of The Registrar - City Tech

- Students considering an **e-permit during Winter Session** should be told to look carefully at the dates. Language, Math and Science courses often extend into the month of February, which is the start of our Spring Semester
- Students who inquire about an **ID e-Permit course for Spring or Summer** should be told to check **SPS**. If any ID classes are available at SPS, **they will be listed here at the bottom of the ID HOMEPAGE:** Interdisciplinary

Tutoring

Go to our carousel and NYCCT General Schedule

Swapping Classes

If students contact you about dropping a class and switching for an **identical/similar** class that is the **SAME CREDIT COUNT**, they can **SWAP during the calendar's Add period**.

If students ask, forward this instructional video

- **Ex.** COM 1330 (3 credit, 10am, TTH) **w/** COM 1330 (3 credit, 2:30pm, MW) **OR** MAT 1475 (4 credit) **w/**CHEM 1210 (4 credit) **OR** ENG 2150 (3 credit, synchronous) **w/** ENG 2160 (3 credit, in-person)

If Students Ask, "When Can I Register?"

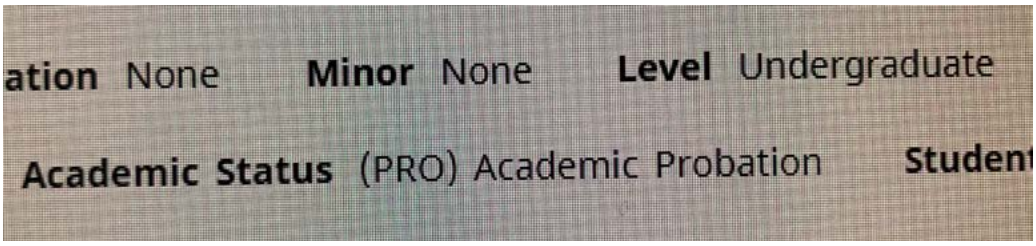
Keep in mind that college advisement actually begins earlier than registration (For Summer/Fall it is usually the **first week in March**; Fall/Winter is usually **mid-October**). **During this period, an energetic student may reach out and ask for assistance picking courses that will plot for the upcoming semester. Please help them and, as such, get that student out of the way. It rarely happens, but be aware that "Advisement" does begin several weeks before Registration opens.**

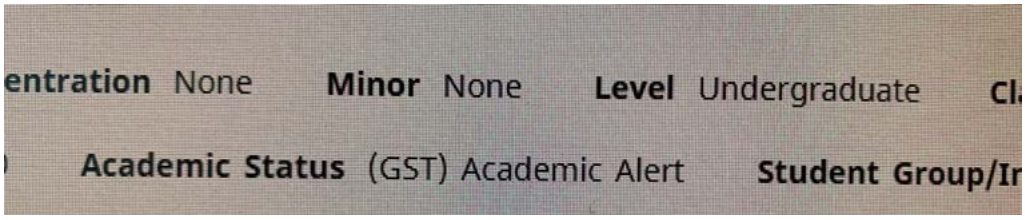
Ask them if they received an email notification about advisement. If no, tell them to check and see if it is in their CUNYfirst Student Center:

How to View Your Enrollment Appointment

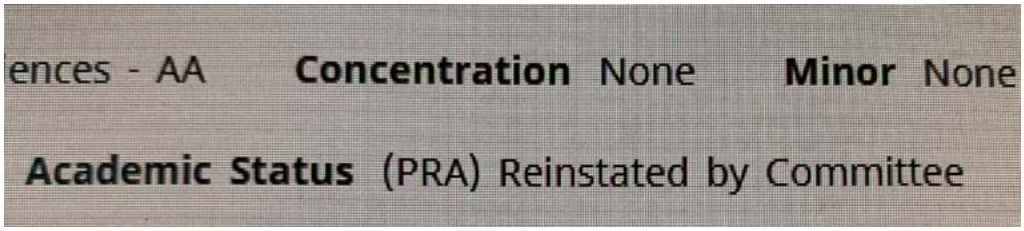
Otherwise, the start dates are on the college calendar.

- See our "Announcements: Important Dates" here
- Let them know that when **On-line registration** begins, seniors usually go first
- For students on Academic Probation, registration is NOW allowed for all "PRO" students, unless the student is on the verge of dismissal because of repeatedly failing any course deemed "remedial." (at the top of DegreeWorks, check Academic Status)





- This means the student has attempted 18 or less credits. If a new student takes 12 credits and gets all Fs, then even though their GPA is 0.0, the "Academic Status" will reflect "Academic Alert." Once the student attempts more than 18 credits and the GPA is less than a 2.0, this will change to "Academic Probation"



- If you see this, the student was appealed an Academic Dismissal and is once again allowed to take a few classes. Any students in this category should be STRONGLY encouraged to repeat failed classes to raise the GPA

Checking Available Classes and Registering On CUNYfirst or Schedule Builder

If you need to lookup any available course information, follow these steps

How to Register for Classes on CUNYfirst

OR

How to Register via Schedule Builder
What is Schedule Builder

Registration Delays

Let students know that **CUNYfirst** and **Blackboard** are not part of the same system. This can prove problematic for students who register late. If **registering after the semester begins**, access to Blackboard **may not appear for 2 or more days**. Inform students that they should always verify registered classes on CUNYfirst. Within a couple of days, courses will generally post to **DegreeWorks** (while part of the same system, they are not synced). Anticipating these delays is essential to a successful semester and will assist in preventing **WN** reversals.

ONLINE Courses

On our Campus, use How to Search for Online Courses

- Students can see what all course modalities require at the top of our webpage
- Students who say they **ONLY** want to take online courses and complain about continuing conflicts can always ePermit, but if that is becoming a headache, we recommend they visit the SPS website, which is CUNY's online campus
    - While we do have major programs that are mainly online, NYCCT is not, by charter, an Online degree offering institution

ATTENTION:

Beginning Fall 2023, students who are NOT pursuing a major that has been designated an "online degree program" should be informed that in order to graduate, no more than 50% of classes taken can be completed online.

- With this in mind, please encourage students to take the bulk of their courses on campus

KEEP IN MIND/Add Period

The official ADD period usually ends **before** students are no longer allowed to enroll in a class.

Ex. Fall 2023, the last day to **ADD** is 8/31 (via CUNYFirst, no permission required). However, the last day to "add" a course via a **"Program Change" form** is 9/14 (this form advises students to discuss the change with an academic advisor and consult a FA counselor). If the student says that the course still has availability and it can be applied to their curriculum **after** the Add period closes, the student can fill out the form and submit to have it added to their schedule: Program Change Form

- Students trying to add a course after the first week in September should be advised that they have already missed classes and that it takes **2-4 days before** the form may actually be processed—followed by an additional 2-3 days before they will actually see their classes on Blackboard. With this in mind, students should contact the professor as soon as the form is submitted

FINAL Semester/Financial Aid (TAP):

Remember, in a student's last semester they can take non-contributory classes (ECNA) to maintain full-time status for TAP, **provided they were a full-time student and received TAP for the prior two semesters.**

- If you suspect this is the case, inform the student to confirm this advisement with a FA counselor

Definition of Classes/Modalities:

See top of Liberal Arts and Sciences webpage:

STAR (New Student Registration/Transfer Students)

If students find their way to you and have yet to take a class at NYCCT, they need new student advisement. They should be referred to STAR Center where they can begin testing or, for transfers, have incoming testing evaluated, as well as register for their first semester at NYCCT. These students, for the most part, will not contact you, but if they do **AND** you cannot advise them because there isn't enough information showing on DegreeWorks **OR** their **DegreeWorks page is totally blank**, let them know that this is where they begin.

- Students cannot register until STAR release incoming holds

Addressing Holds On CUNYfirst

Holds prevent students from registering for classes. Below are the most common reasons for holds (but there may be more that aren't listed). On the **Student's Summary page**, scroll down; the holds can be found under the headers below:

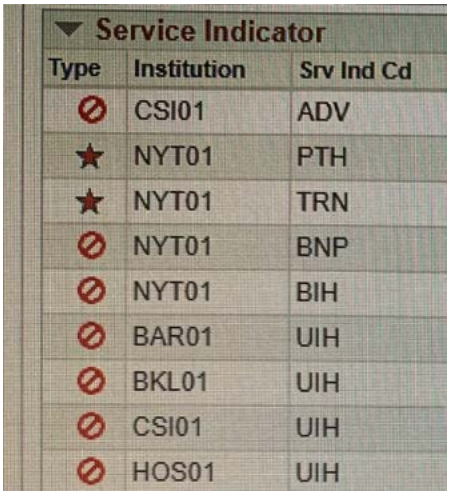
Service Indicator

TYPE:

Red "Do Not Enter symbol": Indicates a current hold

or

Red star: Indicates a hold has been resolved



Service Indicator

Type	Institution	Srv Ind Cd
⊘	CSI01	ADV
★	NYT01	PTH
★	NYT01	TRN
⊘	NYT01	BNP
⊘	NYT01	BIH
⊘	BAR01	UIH
⊘	BKL01	UIH
⊘	CSI01	UIH
⊘	HOS01	UIH

While there are multiple Holds appearing at other campuses, the only ones impacting registration are the NYT01 "Block Payment..." and "In House..."

The other campus holds should not prevent course enrollment here.

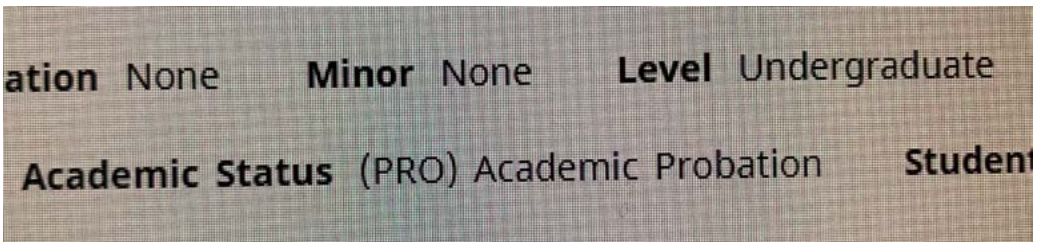
Description Of Holds

Admissions: Admissions

Term Activation Exclusion

Advisement Required: This hold is common but **does not** refer to the program/dept.

- (Check **Academic Standing** on **CUNYfirst** or **Academic Status** at the top of **DegreeWorks**. If it says **Academic Probation/ACD Prob**) the hold is Counseling



- If it doesn't say anything, the student is incoming—freshman or transfer. Refer these first year students to STAR Center

Bursar: Bursar

Bursar Do Not Refund

Block Payment Plan Access
In House Collections

Do not accept eChecks

- Any student who **pays a Bursar hold via eCheck** will be subject to a 7-day banking hold. This is unavoidable

Account past due

Term Activation Exclusion

Payment Plan

In House Collections

Conditional Admissions

ADMIN hold

Transfer (STAR Office): LSmith@citytech.cuny.edu (Lourdes Smith)

Advisement Required

Transfer Credit Eval

Required Vaccinations:

Immunization Requirements and Immunizations

Meningitis Hold
MMR Hold

Explanation For Hold

To the right of ***SRVC REASN*** is **Description**, which explains what's needed to correct the hold.

Examples:

- Missing documents **(Admissions)**
- Access to payment plan denied **(Bursar)**
- Multiple Missing Documents **(Admissions)**
- Missing Meningitis Form **(Admissions)**
- Change in Career During Aid Year (this may describe Title IV Package Hold)
- Incomplete TCE-GEN ED **(Admissions)**
- Incomplete TCE GEN ED **(Admissions)**
- Payment Plan **(Bursar)**
- High School Transcript Missing (usually for Freshman or any student who has been away from a CUNY campus 5yrs or more: Admissions)

ype	Institution	Srv Ind Cd	Description	Srvc Reasn	Description	Act
⊘	HOS01	ADM	Admission Office	MSDOC	Multiple Missing Documents	117
⊘	NYT01	BNP	Block Payment Plan Access	NOPP	Access to Payment Plans Denied	118
⊘	NYT01	TAE	Term Activation Exclusion	TAE	Term Activation Exclusion	120
⊘	NYT01	BNP	Block Payment Plan Access	NOPP	Access to Payment Plans Denied	120

Students Groups

nstitution	Student Group	Description	Effective Date
SI01	BACC	Baccalaureate Students	05/01/2017

CUNY Email Access Issues

All **email issues and solutions** can be found on the **Technology Services** page: Account Issues To the right, click ***Email & Calendars*** and then click ***Student 0365 email***

- **Academic Continuity**: Recommend this page to all incoming students, as well as any students who feel they are having issues navigating NYCCT or, for that matter, college—especially during our time away from in-person learning: Academic Continuity Resources - City Tech

If Students Are In ASAP...

Assist them, but explain that they should definitely **contact their ASAP advisor**. ASAP advisors have an established relationship with their students; as such, our role should mainly be confirming or clarifying Liberal Arts matters.

Undeclared

Covers classes **up to 30 credit**s. These students usually intend to go into either **Nursing**, **Rad Tech**, **or Dental Hygiene**. If they haven't transitioned into the desired program and have 25 credits or more, advise them that they need to do a change of curriculum into **LAA, LAS, or Health AS** to make sure they don't have an issue with **FA/TAP**.

- These students should only go into **LAS** if they are going to follow the math sequence. Make sure you remind them that this program requires **Calculus 1 & 2** (see LAS above)

Undeclared BA

Up to 60 credits: This designation is largely a boarding phase for students who come in with a lot of transfer credits and need to take prerequisite courses for **Nursing**.

- If the student explains that they are having a **FA/TAP** issue, there is an option for continuing students to do a **change of curriculum** to **Undeclared AA** if they have less than **30 credits**. However, if they already have **more than 30 credits**, they should do a **change of curriculum** to another degree program (a Bachelors degree should be encouraged)
    - Especially if on DegreeWorks, the entire General Education/Pathways is already blocked out/completed
    - As another option, which should be based on classes taken and a quick assessment of their interests, encourage **Undeclared BA** students who have at least taken **MAT 1375** and express an interest in pursuing a medical field to consider our science programs **(**see above**)**. For those **Undeclared BA** students not interested in a science field, but have an aptitude for mathematics, recommend **Data Analytics in Economics** Social Science - Data Analytics, or one of our programs in **Mathematics**: Mathematics - Degrees. If they say they are not interested in math or science, along with any LAA student looking to start a bachelors, consider these BS degree programs: **Professional and Technical Writing English** - Professional and Technical Writing/BS and **Health Communication Humanities** - Health Communication/BS
        - For **Undeclared BA**, these "**alternative/Plan B**" degree paths should be mentioned if the student has a **lower GPA** than the **Applied Science** will accept (**see above**), or the fact that the student has so many credits that being full time will be impossible, thus becoming a Financial Aid issue

Retaking Class(es)

Students can repeat classes and remove up to 16 attempted credits. This isn't a limit on the number of times the student can repeat classes, only on the number of attempted credits worth of failed course that can be computed toward the GPA.

Here is the official **CUNY** Policy:

RESOLVED, When an undergraduate student receives the earned academic grade of "F" or an administrative failing grade, and that student subsequently retakes that course and receives a grade of "C" or better, the initial grade of "F" will no longer be computed into the Grade Point Average. The "F" will remain on the transcript. The number of failing credits that can be deleted from the Grade Point Average shall be limited to 16 for the duration of the student's undergraduate enrollment in the institutions of The City University of New York.

The CUNY definition for an F-grade:

F: *Failure: **F** is an earned grade based on poor performance and the student not meeting the learning objectives/outcomes of the course.* ***A 'WU' grade should never be given in place of an 'F' grade.***

- **For example**, if a student has **4 F's** in **MAT 1275** and repeats it again with a C, then those 4 F's are no longer counted in the GPA. Since MAT 1275 is 4 credits, the limit of 4 x 4 = 16 attempted credits has been reached.So if the student then gets an F in **MAT 1375**, the student can still repeat this class for a passing grade, but even if the student gets a C or higher, the F will still count on the GPA

Retaking multiple classes:

Ex.

MAT 1275	4 Credits
CHEM 1210	4 Credits
ENG 1101	3 Credits
COM 1330	3 Credits
RAD 1124	1 Credits

These 15 credits would be the maximum amount of eligible credits a student could retake to impact their GPA. A student could still retake other failing/low grades; the difference is that any other retakes are outside of the 16 credit range and, as such, the grades wouldn't be replaced for GPA consideration.

- Our college's repeat policy doesn't allow students with **C or higher** to repeat the class for a higher grade such as an **A**, unless the **department chair** writes a letter with academic rationale to the registrar, giving permission for this. In such a case, both the C and A will count toward the GPA, but the student won't receive credit for the same class again
- Also, in this case, **FA** will not cover the course
- If a student re-takes a class previously passed (this includes a D grade) the student should be advised that at least 12 credits must be contributory on top of the course being re-taken to be covered by FA/TAP

Below is an excerpt from the catalog about repeating classes and federal financial aid (FAFSA/Pell):

> **Note: revised regulations allow students to receive federal financial aid for one repeat of a previously passed course as long as students are again receiving credit for the course. Should students subsequently fail the course, any additional attempt of that course cannot be included in students' enrollment status for federal financial aid. There is no regulatory limit on the number of times students may be paid to retake a failed course unless they have also previously passed the course.**

Keep in mind: if a student already received credit for the class with the previous grade, then the "credit" would not be given again.

One exception is when a "C-grade or higher" is required by the program

- For example, a LAA student with a D in ENG 1101 has to repeat it to get a C or higher. The student can get TAP for doing so because this is a catalog requirement for the program

LAA ALERT: ENG 1101

Students must get at least a "C" grade to fulfill the requirement. If the student has already taken ENG 1121 **or** transferred in an ENG 1101 grade **lower than C**, the only way to fulfill the requirement is to take either ENG 1141, 51, or 61.

LAS ALERT: MATH SEQUENCE

Any student who has MAT 1372 can complete the second **Program Specific Requirement** for Math **with MAT 1630 or CST 1101**. If a student is not planning on taking MAT 1575, MAT 1372 w/.... will fulfill the requirement.

- While students may take these classes at the same time as MAT 1475, **we do not recommend** students take them at the same time **UNLESS** they are attempting to graduate during the following semester **OR** they have proven that they are very math proficient

My Class Is In The Wrong Place

If students say they took a class for one category and it was applied to another, let them know that many GEN ED classes and Major courses overlap, and once they register for another applicable course, it will shift.

- **e.g.** HIS 3420 will fulfill USED, Capstone, and HIS. If it plots as HIS and was intended for Capstone, let the student know that once another HIS is taken, the class will shift. Tell the student to watch the categories, and if they have any issues, just contact the director

Credit Residency Needed

If you see a lot of transfer credits plotting on **DegreeWorks**, make sure to check the **Credits in Residency** at the top under **Degree in** .... If the residency is still open (not closed with a check mark) **AND** the student has more than 45 credits, make sure to inform them of the **CUNY residency requirement of 30 credits required.**

- If **Unmet conditions** says **34** credits needed, this is based on the student's transfer semester. Know that the college, along with CUNY, has changed the **CUNY residency requirement to "30 credits required"**

(FA)/Academic Dismissal

For FA, students need to maintain at least a 1.5 GPA for up to 12 attempted credits.

Academic dismissal may occur if the student has under a 2.0 "Cumulative" GPA and is **already on probation**. If this is the case, inform the student that if they receive a 2.25 "Semester" GPA, they may be able to avoid dismissal.

If a student informs you that Academic dismissal has occurred, feel free to forward this information:

- You can appeal the dismissal decision by **writing a letter to the Academic Standards Committee**. Helpful information can be found here: Writing an Appeal
    - Details about Appeal Guidelines
- Here is a link to the form you need to complete in order to appeal your dismissal: Appeal Form
- You should get this done as soon as you can. Include any medical documentation and information, if you have it

If Students Who Identify As Veterans...

Have questions that address their veteran's status /benefits, they should be forwarded this information:

Send us an e-mail: "Veterans@citytech.cuny.edu You may schedule a phone consultation by providing your phone number in your email. Current students, please use your City Tech student email for verification. The coordinator will reach out to you during normal business hours. Monday through Thursday 9am-6pm or Fri 9am -12pm. Please allow up to 48 hours for response.

Info on GI benefits here: GI & Military Assistance

If a vet/student has already followed these steps and indicates a need for further clarification—or they haven't received a timely response—the Veterans Coordinator is Robert Timmins at RTimmins@citytech.cuny.edu

Change Of Major

Students interested in changing into Liberal Arts should fill out the form: Change Major

Submit the form from NYCCT email to registrar@citytech.cuny.edu
(As long as sent from campus email, the director's signature is not needed).

- Make sure to run a **What-if** to see how the courses will plot

Students interested in transitioning from Liberal Arts into another program must make sure they have the required GPA and, if necessary, the required pre-entry courses (see **SAMPLE COURSE OF STUDY** on the program's web page). Outside of required GenEd and introductory classes in the new major, inform students that they should contact the intended program for further advisement.

- Keep in mind that certain programs like Nursing, Rad Tech, and Applied Math require that students contact them before considering a Change of Curriculum
    - Students who ask for specifics about **RAD TECH** should be forwarded the link below, which will take them to the program's very detailed **Advisement** page. Explain that before they attempt to make contact with an advisor, they should scroll down and read carefully. On the page, they will find **admission** requirements (selection for FALL semester is **made only** during the Spring semester), **enrollment** details, **residency** fulfillment, and general **Q&A** located in the **FAQ** section: RadTech
        - * **Note:** the only major requirement students seeking admission **MUST** take to apply, and are **ONLY** allowed to take before acceptance, is **RAD 1124**

- Students asking about **Health Services Administration** should be referred to their home page, which, under **Admission Requirements**, explains what's needed, including clinical licensure or certification:
  Health Services ADM

* **Change of Curriculum forms** generally **take 3-7 days** before students see the Degree/Major updated on CUNYfirst or DegreeWorks. Because they will not see the change immediately, let students know it is their responsibility to check their **DegreeWorks/CUNYfirst** page to confirm that they have been reactivated in the new major. If any classes for the new major appear as **ECNA**, tell them to make sure the system self-corrects once the change of degree is reflected; if it has not, contact the director. Confirming that the change has occurred will ensure that all classes plot correctly and that there are no Financial Aid **(FA)/TAP** issues.

LAS/Dental Hygiene/Nursing/Rad Tech

*These statements can be copied and sent to students to make sure they truly understand their program goals:

If a student is in LAS and **clearly avoiding math classes** beyond MAT 1275, send this question:

- LAS is for students who plan to take sequential math and science courses. Students in LAS usually transition into one of our Science programs—BIO, CHEM, or PHYS—or want to pursue a degree in mathematics (including Computer Science AS) or engineering. Is this your plan?

Students interested in transitioning into an Applied Science program **should not** be in LAS, unless they plan on following the ..75 math sequence. In these cases**, "recommend"** the student do a **change of curriculum into the Health Sciences AS** degree, especially if the student has fewer than 45 credits. After running a **What-If** to see if all classes will plot, forward their curriculum, which is listed under Sample Course of Study:
Health Sciences AS

- When looking at a LAS student, the first hints this may be an issue are that the student has over 30 credits and has not moved beyond MAT 1275; if the student is also taking BIO 2311/12, the student is probably pursuing Dental Hygiene, Nursing, or Rad Tech
- **Consider:** If the student is in LAS and does not get into the desired program, they will probably never complete the LAS degree because the math sequence will require at least 2-3 additional semesters

If a student **wants to pursue Nursing**, send this information:

Keep in mind, **Nursing** is extremely competitive and generally requires a 3.5 GPA, with "A" or high "B" grades in all Introductory term courses—along with a strong TEAS exam score.

- Under Sample Course of Study are the classes needed for admission into their program: Nursing page
    - For more details about the TEAS exam: Teas Prep

If a student **wants to pursue Rad Tech**, send this information:

Keep in mind, **RAD TECH** is extremely competitive and generally requires a 3.5 GPA, with "A" or high "B" grades in all **Pre-clinical** courses.

- Under Sample Course of Study are the courses needed for admission into their program: RadTech

Keep in mind, **Dental Hygiene** is extremely competitive and generally requires a 3.7 GPA, with "A" or high "B" grades in all **Pre-clinical** courses. If a student wants to pursue Dental Hygiene, send this information:

- Under Sample Course of Study are the courses needed for admission into their program: Dental Hygiene page
    - **Note** that Dental Hygiene has a 10% acceptance rate

NON-Clinical Phase Students:

If you open a student's DegreeWorks and it says they are in **Dental Hygiene's or Rad Tech's AAS program** and you **note that no major courses have been taken (besides RAD 1124)**, the student is in their Non-Clinical phase. These students are actually completing the per-clinical requirements, but they are **NOT** actually in the program. Feel free to advise these students regarding any still needed Pre-clinical or Gen Ed courses needed. Outside of that, advise the student to contact a Dental Hygiene or RAD TECH advisor.

Leave of Absence

Many students have been asking about taking a gap semester. If students ask about taking a leave, the process has recently been streamlined to prevent students from contacting multiple offices. Students requesting a LOA for the upcoming semester must send an email to Registrar@citytech.cuny.edu; this request must be sent from their City Tech email.

Residency/Citizenship

Students asking about this should be told to contact Residency@citytech.cuny.edu

Students asking about the Residency Form should complete and forward to the email above.

Tuition/Course cost:

Students asking about tuition fees should be directed here:
Tuitions & Fees

Scholarships And Job Search Assistance

Scholarships are either based on NEED or GPA. Student inquiries should be directed here:
Scholarships

Students looking for a job is **beyond what we advise**, but let them know that this office may assist, if the student qualifies: Career Resources

The Professional Development Center also helps students interested in Career Development:
Professional Development

COMMONLY FORWARDED WEBPAGE REFERRALS

These links should remove some steps, when advising. Simply highlight, and then copy and paste.

*For any NYCCT degree program or office, on the main webpage, type the program name in the **monocle**.

*For the programs listed, always check their **Sample Course of Study**:

- **Registrar Email** - registrar@citytech.cuny.edu
- **Admissions Email** - admissions@citytech.cuny.edu
- **Financial Aid** - http://www.citytech.cuny.edu/financial-aid/ (Scroll down mid-page for ZOOM appointments)
- **Nursing Department** - http://www.citytech.cuny.edu/nursing/nursing-aas.aspx
- **Radiologic Tech & Medical Imaging Department** - http://www.citytech.cuny.edu/radiologic/
- **Health Sciences Department** - http://www.citytech.cuny.edu/health-sciences/health-science-as.aspx
- **Health Services Department** - https://www.citytech.cuny.edu/health-sciences/health-administration-bs.aspx
- **Transfer Evaluation Email** - transfereval@citytech.cuny.edu
- **Transfer Students** - http://www.citytech.cuny.edu/transfer/resources.aspx
  (includes Virtual Transfer Sessions and links for Health and Wellness)
- **Transfer Between Colleges** - https://www.cuny.edu/admissions/undergraduate/explore/transfer/
  (provides CUNYfirst instructions and dates)
- **Application for Degree Form** - http://www.citytech.cuny.edu/registrar/docs/forms/application_for_degree.pdf
  - If application isn't available on CUNYfirst, students should fill out, save, and send PDF from NYCCT email to registrar@citytech.cuny.edu

*For students asking about the **TEAS** exam, which is needed for Nursing: https://www.atitesting.com/teas/register

Important Forms

LAS curriculum (Includes all GEN ED offerings) (Click Here)
LAA curriculum (Includes all GEN ED offerings) (Click Here)
Capstone/Writing Intensive (WI) (Click Here)

- All degree programs have their own WI classes, within the major. This WI sheet just lists Liberal Arts' **WI** offerings. For the transitioning student, these classes will count toward the **4 WI required when pursuing a bachelors**

Back To Table Of Contents

LAS>Biomedical Informatics

Associate in Science in Liberal Arts and Sciences

English Composition I	ENG 1101	3
English Composition II	ENG 1121	3
Math and Quantitative Reasoning		3
Life and Physical Sciences		3
World Cultures and Global Issues		3
US Experience in its Diversity		3
Individual and Society		3
Creative Expression		3
Scientific World		3
Additional Flexible Common Core Course		3
Science Sequence Course I	BIO 1101	4
Science Sequence Course II	BIO 1201/ID	4
Calculus I or higher	MAT 1475	4
Calculus II or Statistics with Probability with Calculus Lab	MAT 1372 CST 1101	3 3
Capstone	BIO 2450	4
Free Electives to reach 60 credits	BIO 2110 BIO 3350	4 4

Bachelor of Science in Biomedical Informatics

Speech/Oral Communication	COM 1330 or higher	3
Interdiscipinary Course		3
Liberal Arts Course		3
Advanced Liberal Arts Course		3
General Chemistry I	CHEM 1110	4
General Chemistry II	CHEM 1210	4
Molecular and Cell Biology	BIO 3620	4
Programming Fundamentals	CST 1201	3
Database Systems Fundamentals	CST 1204	3
Bioinformatics II	BIO 3352	4
Biomedical Data Analytics I	BIO 3450	4
Biomedical Informatics Colloquium	BIO 4050	1
Internship/Research in Biomedical Informatics	BIO 4900 or BIO 4910+4920	5
BIB Specialization Courses	At least 3 courses from list	11-12
Free Electives		To reach 120

Benefits of Biomedical Informatics Specialization

1. Structures are already in place
2. Flexibility to opt out or do reverse transfer
3. ASAP and NSF Scholarships readily available

LAS>Applied Chemistry

Associate in Science in Liberal Arts and Sciences

English Composition I	ENG 1101	3
English Composition II	ENG 1121	3
Math and Quantitative Reasoning		3
Life and Physical Sciences		3
World Cultures and Global Issues		3
US Experience in its Diversity		3
Individual and Society		3
Creative Expression		3
Scientific World		3
Additional Flexible Common Core Course		3
Science Sequence Course I	CHEM 1110	4
Science Sequence Course II	CHEM 1210	4
Calculus I or higher	MAT 1475	4
Calculus II or Statistics with Probability with Calculus Lab	MAT 1575	4
Capstone	CHEM 2223	5
Free Electives to reach 60 credits	CHEM 2323 BIO 3350	5 4

Bachelor of Science in Applied Chemistry

Speech/Oral Communication	COM 1330 or higher	3
Interdiscipinary Course		3
Liberal Arts Course		3
Advanced Liberal Arts Course		3
General Physics I: Calculus Based	PHYS 1441	5
General Physics II: Calculus Based	PHYS 1442	5
Biochemistry	BIO 3601	4
Physical Chemistry: Thermodynamics and Kinetics	CHEM 3222	4
Analytical Chemistry	CHEM 3212	5
Instrumental Methods of Analysis	CHEM 3412	5
Inorganic Chemistry	CHEM 3622	4
Instrumental Chromatography	CHEM 4312	4
Advanced Laboratory Applications of Spectroscopy	CHEM 4323	2
Internship/Research in Applied Chemistry I	CHEM 4901	3
Mathematics/Science Electives to reach 120 credits		

Benefits of Applied Chemistry Specialization

1. Structures are already in place
2. Flexibility to opt out or do reverse transfer
3. ASAP and NSF Scholarships readily available

LAS>Applied Computational Physics

Associate in Science in Liberal Arts and Sciences

English Composition I	ENG 1101	3
English Composition II	ENG 1121	3
Math and Quantitative Reasoning		3
Life and Physical Sciences		3
World Cultures and Global Issues		3
US Experience in its Diversity		3
Individual and Society		3
Creative Expression		3
Scientific World		3
Additional Flexible Common Core Course		3
Science Sequence Course I	PHYS 1441	5
Science Sequence Course II	PHYS 1442	5
Calculus I or higher	MAT 1475	4
Calculus II or Statistics with Probability with Calculus Lab	MAT 1575	4
Capstone	PHYS 2443	4
Free Electives to reach 60 credits	CST 1101 CST 1201	3 3

Bachelor of Science in Applied Computational Physi

Speech/Oral Communication	COM 1330 or higher	3
Interdiscipinary Course		3
Liberal Arts Course		3
Advanced Liberal Arts Course		3
Data Systems Fundamentals	CST 1204	3
Introduction to Quantum Mechanics	PHYS 2607	3
Classical Mechanics	PHYS 3100	4
Electricity and Magnetism	PHYS 3200	4
Computational Fluid Dynamics or Introduction to Quantum Computing	PHYS 3300 or PHYS 2609	3-4
Machine Learning for Physics and Astronomy	PHYS 3600ID	3
Computational Methods	PHYS 4100	4
Computational Methods Laboratory	PHYS 4150	2
Internship/Real Research Experience	PHYS 4200	4
MAT 2580	MAT 2580	3
Calculus III	MAT 2675	4
Probability and Mathematical Statistics I	MAT 2572	4
Free Electives to reach 120 credits		

Benefits of Computational Physics Specialization

1. Structures are already in place
2. Flexibility to opt out or do reverse transfer
3. ASAP and NSF Scholarships readily available

PROGRAM FOR LIBERAL ARTS AND SCIENCES

DEGREE CHECKLIST FOR ASSOCIATE IN SCIENCE IN LIBERAL ARTS AND SCIENCES

ASSOCIATE DEGREE

GENERAL EDUCATION REQUIRED AND FLEXIBLE COMMON CORE (30 TO 37 CREDITS)

At least 1 course designated WI is required in the GenEd Flexible Common Core.

COURSE	COURSE TITLE	PRE/CO REQUISITES	CREDITS
ENG 1101	English Composition I (EC)	**Prereq:** CUNY Read and Write Proficiency	3 credits.
ENG 1121	English Composition II (EC)	**Prereq:** ENG 1101	3 credits.
	Math and Quantitative Reasoning (Recommended MAT 1275, 1375, 1475 1575)		3 to 4 credits.
	Life and Physical Sciences (Recommended BIO 1101, 2311, CHEM 1110, PHYS 1117, 1433, 1441)		3 to 5 credits.
	*World Cultures and Global Issues		3 credits.
	*US Experience in its Diversity		3 credits.
	*Individual in Society		3 credits.
	*Creative Expression		3 credits.
	*Scientific World (Recommended BIO 1201, 2311, 2312, 3302, 3350, CHEM 1210, PHYS 1118, 1434, 1442)		3 to 5 credits.
	*Additional Flexible Common Core Course: WCGI, USED, IS, CE, SW		3 to 5 credits.

PROGRAM-SPECIFIC DEGREE REQUIREMENTS (19 TO 25 CREDITS)

*CS = Computer Science

[1]See program director for Course Sub and free electives.

At least 1 course designated WI is required in the program-specific courses and free electives.

	Science Sequence Course I		4 to 5 credits.
	Science Sequence Course II		4 to 5 credits.
MAT 1475	Calculus I or higher	**Prereq:** MAT 1375 or Placement	4 credits.
MAT 1575	Calculus II (Recommended for CHEM, CS*, ECON, MAT, PHYS Degrees)	**Prereq:** MAT 1475 or Placement	4 to 6 credits.
or			
MAT 1372 **w/**	Statistics with Probability **w/** (Recommended for BIO, CS*, ECON, MAT, PSY Degrees)	**Prereq or Coreq:** MAT 1375	
MAT 1476L **or**	Calculus Lab **or**	**Coreq:** MAT 1475 or 1575	
CST 1101[1] **or**	Problem Solving with Computer Programming[1] **or**	**Prereq**: CUNY Proficiency	
MAT 1630[1]	Introduction to Computational Science[1]	**Prereq or Coreq:** MAT 1475	
	Capstone	See Capstone List	3 to 5 credits.

FREE ELECTIVE COURSES (0 TO 11 CREDITS)
Take as needed to reach 60 credits

	Free Elective(s)/ECA = same credits (All Classes Accepted)		

ASSOCIATE IN ARTS IN LIBERAL ARTS AND SCIENCES: 60 CREDITS.

Science Sequence

In addition to the LPS and SW requirements, a Science Sequence Courses I / II is required for the degree and may be selected from the list below:

BIO 1101	Biology I	4 credits.
BIO 1201	Biology II	4 credits.
BIO 2311	Human Anatomy and Physiology I	4 credits.
BIO 2312	Human Anatomy and Physiology II	4 credits.
BIO 3302	Microbiology	4 credits.
BIO 3620	Molecular and Cell Biology	4 credits.
BIO 3350	Bioinformatics I	4 credits.
BIO 3352	Bioinformatics II	4 credits.
CHEM 1110	General Chemistry I	4 credits.
CHEM 1210	General Chemistry II	4 credits.
CHEM 2223	Organic Chemistry I	5 credits.
CHEM 2323	Organic Chemistry II	5 credits.
CHEM 3312	Analytical Chemistry	5 credits.
CHEM 3412	Instrumental Methods of Analysis	5 credits.
PHYS 1117	Astronomy I	4 credits.
PHYS 1118	Astronomy II: Stars, Galaxies, Cosmology	4 credits.
PHYS 1433	General Physics I: Algebra Based	4 credits.
PHYS 1434	General Physics II: Algebra Based	4 credits.
PHYS 1441	General Physics I: Calculus Based	5 credits.
PHYS 1442	General Physics II: Calculus Based	5 credits.

SAMPLE COURSE OF STUDY

For Associate in Science in Liberal Arts and Sciences, starting with MAT 1475.

SEMESTER 1

(Total Credits 13 to 15)

ENG 1101	English Composition I	3 credits.
MAT 1475	Calculus I (MQR)	4 credits.
LPS	Life and Physical Sciences Course	3 to 5 credits.
USED	US Experience in its Diversity Course	3 credits.

SEMESTER 2

(Total Credits 13 to 15)

ENG 1121	English Composition II	3 credits.
MAT 1575	Calculus II	4 credits.
SW	Scientific World	3 to 5 credits.
WCGI	World Cultures and Global Issues Course	3 credits.

SEMESTER 3

(Total Credits 16 to 17)

SCI I	Science Sequence Course I	4 to 5 credits.
CE	Creative Expression Course	3 credits.
IS	Individual and Society Course	3 credits.
Add Flex Core		3 credits.
Free Elective		3 credits.

SEMESTER 4

(Total Credits 13 to 16)

SCI II	Science Sequence Course II	4 to 5 credits.
Capstone		3 to 5 credits.
Free Elective		3 credits.
Free Elective		3 credits.

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CITY TECH GENERAL EDUCATION FLEXIBLE COMMON CORE AS OF SPRING 2024

World Cultures and Global Issues (WCGI)

ARB 1101	Elementary Arabic I
ARB 1102	Elementary Arabic II
ARB 2201	Intermediate Arabic I
CHN 1101	Elementary Chinese I
CHN 1102	Elementary Chinese II
CHN 2201	Intermediate Chinese I
FREN 1101	Elementary French I
FREN 1102	Elementary French II
FREN 2201	Intermediate French I
SPA 1101	Elementary Spanish I
SPA 1102	Elementary Spanish II
SPA 2201	Intermediate Spanish I
SPA 2202	Intermediate Spanish II
SPA 2203	Spanish for Health Professionals
SPA 2401	Spanish for Heritage Speakers
SPA 2402	Spanish Oral and Written Academic Communication for Heritage Speakers
SPA 3301	Survey of Early Spanish Literature
SPA 3302	Survey of Modern Spanish Literature
AFR 1130	Africana Folklore
AFR 1401	African Government
AFR 1460	Early African History
AFR 1461	Modern African History
AFR 1462	Blacks in Science, Technology and Business
AFR 1467	Afro-Caribbean History
AFR 2402	The Heritage of Imperialism
AFR 2612	African Philosophy and Religion
ANTH 1101	Introduction to Anthropology
ANTH 1102	Magic, Witchcraft, and Religion
ANTH 1103	Gender, Culture, and Society
ANTH 2000	Medical Anthropology
ARTH 1101	History of Art: Prehistoric to Gothic
ARTH 1102	History of Art: Renaissance to Modern
ARTH 1103	Survey of Art History
ARTH 1106	Modern Art
ARTH 1108	Art of Asia
ARTH 1110	Islamic Art
ARTH 2200	Art and Urban Culture in Modern China
ARTH 3401	Italian Renaissance Art and Architecture
COM 2401	International Communication
ECON 2505	Environmental Economics
HIS 1101	History of Western Civilization I
HIS 1102	History of Western Civilization II
HIS 1103	History of Western Civilization III
HIS 1501	The Origins of Islamic Civilization
HIS 1503	The Modern Middle East and North Africa
HIS 2000	Modern World History
HIS 3402	Topics in Modern World History, 1945-Present
LATS 1461	Latin American History
LATS 2204	Latin American Fashion and Culture
LNG 1100	Language, Culture and Society
MUS 1212	Introduction to World Music
PHIL 2121	Chinese Philosophy
SOC 3301	The Emerging Global Society
AFR 2212	Modern African Literature
AFR 2222	Current Caribbean Literature
ENG 2100	English Literature I
ENG 2101	English Literature II
ENG 2160	Introduction to Women's Studies
ENG 2300	Great Works of Literature I
ENG 2301	Great Works of Literature II
LATS 2202	Latin American Literature
LATS 2211	Puerto Rican Literature

US Experience in its Diversity (USED)

AFR 1465	Early African American History
AFR 1466	Modern African American History
AFR 1501	Seminar in Current Community Problems
AFR 1502	Sociology of Urban Poverty
AFR 2201	Early Black Writers
AFR 2202	Contemporary Black Writers in American Literature
AFR 3000	Black New York
ARCH 3522	History of New York City Architecture
ARTH 1104	Art of the United States
COM 2406	Gender and Health Communication
ECON 1101	Macroeconomics
ECON 2403	Labor Management Relations
ENG 2180	Studies in Identity and Orientation
ENG 2190	Expressions of Identity
ENG 2200	American Literature I
ENG 2201	American Literature II
ENG 2250	Asian American Literature and Culture
GOV 1101	American Government
GOV 1102	State and Local Government
GOV 2401	US Constitutional Law
GOV 2402	Public Policy
HIS 1110	History of the United States to 1877
HIS 1111	History of the United States Since 1865
HIS 2405	History of Foodways in America
HIS 3208	US Immigration History
HIS 3209	History of Technology
HIS 3310	Environmental History of North America
LATS 2501	The Puerto Rican and Latin American in New York and Urban America
SOC 1104	Race and Ethnic Relations
THE 3280	American Musical Theatre

Individual and Society (IS)

AFR 2000	Blacks in Media
AFR 2250	Black Women in Literature
ARTH 2101	Healing the Body: The Visual Culture of Medicine
COM 1330	Public Speaking
COM 1332	Introduction to Human Communication
COM 1335	Group Communication
COM 2402	Intercultural Communication
COM 2403	Health Communication
COM 2404	Interpersonal Communication
COM 3401	Business and Professional Communication
ECON 1401	Microeconomics
ECON 2301	Money and Banking
ENG 1151	Introduction to Journalism
ENG 1161	Language and Thinking
ENG 1773	Weird Science: Interpreting and Redefining Humanity
ENG 2000	Perspectives in Literature
ENG 2150	Introduction to Women Writers
ENG 2420	Science Fiction
ENG 3401	Law Through Literature
ENG 3404	The Literature of Illness and Care
LIB 1201	Research and Documentation in the Information Age
PHIL 2101	Introduction to Philosophy
PHIL 2102	Logical Thinking
PHIL 2103	Ethics
PHIL 2104	Ancient Philosophy
PHIL 2106	Philosophy of Technology
PHIL 2107	Philosophy and Women
PHIL 2203	Health Care Ethics
PHIL 3208	Political Philosophy
PHIL 3211	Philosophy of Law
PHIL 3212	Engineering Ethics
PHIL 3400	Environmental Philosophy
PSY 1101	Introduction to Psychology
PSY 2300	Developmental Psychology
PSY 2301	Child Psychology
PSY 2302	Psychology of Adolescence and Adulthood
PSY 2303	Psychology of Aging
PSY 2401	Social Psychology
PSY 2402	Psychology of Personality
PSY 2403	Abnormal Psychology
PSY 2404	Personnel and Organizational Psychology
PSY 3405	Health Psychology
SOC 1101	Elements of Sociology
SOC 1102	Urban Sociology
SOC 1103	The Family
SOC 2201	Sociology of Aging
SOC 2380	Sociology of Education
SOC 2401	Society, Technology and Self
SOC 2403	Law and Society
SOC 3302	Environmental Sociology
SOC 3303	Sociology of Big Numbers
SOC 3402	The Sociology of Social Problems

Creative Expression (CE)

AFR 1301	Introduction to African Art
AFR 1304	African American/Caribbean Art
AFR 1311	African American/Caribbean Music
AFR 1321	Black Theater
AFR 1503	Hip-Hop Worldview
AFR 2302	African Art and Architecture of Africa
ARCH 2321	History of 20th Century Architecture
ARTH 1100	History and Appreciation of Photography
ARTH 1112	Introduction to Film
ARTH 1204	20th Century Dress and Culture
ARTH 3311	The History of Graphic Design
COM 1340	Oral Interpretation of Literature
ENG 1141	Creative Writing
ENG 1142	Introduction to Poetry Writing
ENG 1143	Writing for Stage and Screen
ENG 2001	Introduction to Literature I: Fiction
ENG 2002	Introduction to Literature II: Drama
ENG 2003	Introduction to Literature III: Poetry
ENG 2170	Introduction to Studies in Maleness and Manhood
ENG 2400	Films from Literature
ENG 3402	Topics in Literature
ENG 3403	One Major Writer
ENG 3407	Gothic Literature and Visual Culture
MUS 1210	Musical Styles
MUS 1211	Music of Latin America
MUS 2206	Jazz
MUS 2207	20th Century Music
THE 2180	Introduction to Theatre
THE 2280	History of the Theatre: Stages and Technology
THE 2380	Play Analysis: Texts and Contexts

Scientific World (SW)

BIO 1101	Biology I
BIO 1201	Biology II
BIO 2250	Evolution
BIO 2311	Human Anatomy and Physiology I
BIO 2312	Human Anatomy and Physiology II
BIO 3302	Microbiology
BIO 3350	Bioinformatics I
CHEM 1110	General Chemistry I
CHEM 1210	General Chemistry II
GEOG 1101	Elements of Physical Geography
MAT 1272	Statistics
MAT 1280	Quantitative Mathematics
MAT 1315	Technical Mathematics with Applications II
MAT 1372	Statistics with Probability
MAT 1375	Precalculus
MAT 1475	Calculus I
MAT 1575	Calculus II
MAT 2440	Discrete Structures and Algorithms I
MAT 2540	Discrete Structures and Algorithms II
MAT 2572	Probability and Mathematical Statistics I
MAT 2580	Introduction to Linear Algebra
MAT 2680	Differential Equations
PHIL 2201ID	Symbolic Logic
PHYS 1111	Principles of Science I
PHYS 1112	Principles of Science II
PHYS 1117	Astronomy I
PHYS 1118	Astronomy II: Stars, Galaxies, Cosmology
PHYS 1433	General Physics I: Algebra Based
PHYS 1434	General Physics II: Algebra Based
PHYS 1441	General Physics I: Calculus Based
PHYS 1442	General Physics II: Calculus Based
PHYS 2443	Modern Physics
PHYS 2605	Introduction to Laser Physics and Photonics
CST 1000	Foundations of Computing
ESCI 1210	Environmental Science II
PSY 3407	Psychology of Visual Perception

PROGRAM FOR LIBERAL ARTS AND SCIENCES

DEGREE CHECKLIST FOR ASSOCIATE IN ARTS IN LIBERAL ARTS AND SCIENCES

ASSOCIATE DEGREE

GENERAL EDUCATION REQUIRED AND FLEXIBLE COMMON CORE (30 CREDITS)

At least 1 course designated WI is required in the GenEd Flexible Common Core.

COURSE	COURSE TITLE	PRE/CO REQUISITES	CREDITS
ENG 1101	English Composition I (EC)	**Prereq:** CUNY Read and Write Proficiency	3 credits.
ENG 1121	English Composition II (EC)	**Prereq:** ENG 1101	3 credits.
MAT 1190	Math and Quantitative Reasoning or higher (MQR)	**Prereq:** CUNY Placement	3 credits.
	Life and Physical Sciences (LPS)		3 credits.
	*World Cultures and Global Issues (WCGI)		3 credits.
	*US Experience in its Diversity (USED)		3 credits.
	*Individual in Society (IS)		3 credits.
	*Creative Expression (CE)		3 credits.
	*Scientific World (SW)		3 credits.
	*Additional Flexible Common Core Course: WCGI, USED, IS, CE, SW		3 credits.

PROGRAM-SPECIFIC DEGREE REQUIREMENTS (21 CREDITS)

At least 1 course designated WI is required in the program-specific courses and free electives.

	World Language Sequence (FL) I	**Prereq:** Humanities Department Approval	3 credits.
	World Language Sequence (FL) II		3 credits.
	World Language Sequence (FL) III		3 credits.
COM 1330	Public Speaking or higher	**Prereq:** CUNY Read and Write Proficiency	3 credits.
	Philosophy		3 credits.
	History		3 credits.
	Capstone	See Capstone List	3 credits.

FREE ELECTIVE COURSES
Take as needed to reach 60 credits.

	Free Elective(s)/ECA = same credits (All Classes Accepted)		

ASSOCIATE IN ARTS IN LIBERAL ARTS: 60 CREDITS.

World Language Sequence

For placement and to register, go to http://fc.short.cm/PlacementTestInstructions or room L-630.
A World Language sequence is required for the degree and may be selected from the list below:

ARB 1101	Elementary Arabic I	3 credits.	CHN 1101	Elementary Chinese I	3 credits.	FREN 1101	Elementary French I	3 credits.
ARB 1102	Elementary Arabic II	3 credits.	CHN 1102	Elementary Chinese II	3 credits.	FREN 1102	Elementary French II	3 credits.
ARB 2201	Intermediate Arabic I	3 credits.	CHN 2201	Intermediate Chinese I	3 credits.	FREN 2201	Intermediate French I	3 credits.
ARB 2202	Intermediate Arabic II	3 credits.	CHN 2202	Intermediate Chinese II	3 credits.	FREN 2202	Intermediate French II	3 credits.
						FREN 2203	French for Food and Culture	3 credits.

SPA 1101	Elementary Spanish I	3 credits.	SPA 2201	Intermediate Spanish I	3 credits.	SPA 3301	Survey of Early Spanish Literature	3 credits.
SPA 1102	Elementary Spanish II	3 credits.	SPA 2202	Intermediate Spanish II	3 credits.	SPA 3302	Survey of Modern Spanish Literature	3 credits.

SPA 2401	Spanish for Heritage Speakers	3 credits.	SPA 2203	Spanish for Health Professionals	3 credits.
SPA 2402	Spanish Oral and Written Communication for Heritage Speakers	3 credits.			

SAMPLE COURSE OF STUDY

For Associate in Arts in Liberal Arts and Sciences.

SEMESTER 1

(Total Credits 15)

ENG 1101	English Composition 1	3 credits.
FL 1	World Language Sequence 1	3 credits.
MAT 1190	Math and Quantitative Reasoning	3 credits.
LPS	Life and Physical Sciences Course	3 credits.
COM 1330	Public Speaking	3 credits.

SEMESTER 2

(Total Credits 15)

ENG 1121	English Composition II	3 credits.
FL II	World Language Sequence II	3 credits.
SW	Scientific World Course	3 credits.
USED	US Experience in its Diversity Course	3 credits.
CE	Creative Expression Course	3 credits.

SEMESTER 3

(Total Credits 15)

PHIL	Philosophy Course	3 credits.
FL III	World Language Sequence III	3 credits.
IS	Individual and Society Course	3 credits.
WCGI	World Cultures and Global Issues Course	3 credits.
HIS	History Course	3 credits.

SEMESTER 4

(Total Credits 15)

Capstone	3 credits.
Add FlexCore	3 credits.
Free Elective	3 credits.
Free Elective	3 credits.
Free Elective	3 credits.

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CITY TECH GENERAL EDUCATION FLEXIBLE COMMON CORE AS OF SPRING 2024

World Cultures and Global Issues (WCGI)

ARB 1101	Elementary Arabic I
ARB 1102	Elementary Arabic II
ARB 2201	Intermediate Arabic I
CHN 1101	Elementary Chinese I
CHN 1102	Elementary Chinese II
CHN 2201	Intermediate Chinese I
FREN 1101	Elementary French I
FREN 1102	Elementary French II
FREN 2201	Intermediate French I
SPA 1101	Elementary Spanish I
SPA 1102	Elementary Spanish II
SPA 2201	Intermediate Spanish I
SPA 2202	Intermediate Spanish II
SPA 2203	Spanish for Health Professionals
SPA 2401	Spanish for Heritage Speakers
SPA 2402	Spanish Oral and Written Academic Communication for Heritage Speakers
SPA 3301	Survey of Early Spanish Literature
SPA 3302	Survey of Modern Spanish Literature
AFR 1130	Africana Folklore
AFR 1401	African Government
AFR 1460	Early African History
AFR 1461	Modern African History
AFR 1462	Blacks in Science, Technology and Business
AFR 1467	Afro-Caribbean History
AFR 2402	The Heritage of Imperialism
AFR 2612	African Philosophy and Religion
ANTH 1101	Introduction to Anthropology
ANTH 1102	Magic, Witchcraft, and Religion
ANTH 1103	Gender, Culture, and Society
ANTH 2000	Medical Anthropology
ARTH 1101	History of Art: Prehistoric to Gothic
ARTH 1102	History of Art: Renaissance to Modern
ARTH 1103	Survey of Art History
ARTH 1106	Modern Art
ARTH 1108	Art of Asia
ARTH 1110	Islamic Art
ARTH 2200	Art and Urban Culture in Modern China
ARTH 3401	Italian Renaissance Art and Architecture
COM 2401	International Communication
ECON 2505	Environmental Economics
HIS 1101	History of Western Civilization I
HIS 1102	History of Western Civilization II
HIS 1103	History of Western Civilization III
HIS 1501	The Origins of Islamic Civilization
HIS 1503	The Modern Middle East and North Africa
HIS 2000	Modern World History
HIS 3402	Topics in Modern World History, 1945-Present
LATS 1461	Latin American History
LATS 2204	Latin American Fashion and Culture
LNG 1100	Language, Culture and Society
MUS 1212	Introduction to World Music
PHIL 2121	Chinese Philosophy
SOC 3301	The Emerging Global Society
AFR 2212	Modern African Literature
AFR 2222	Current Caribbean Literature
ENG 2100	English Literature I
ENG 2101	English Literature II
ENG 2160	Introduction to Women's Studies
ENG 2300	Great Works of Literature I
ENG 2301	Great Works of Literature II
LATS 2202	Latin American Literature
LATS 2211	Puerto Rican Literature

US Experience in its Diversity (USED)

AFR 1465	Early African American History
AFR 1466	Modern African American History
AFR 1501	Seminar in Current Community Problems
AFR 1502	Sociology of Urban Poverty
AFR 2201	Early Black Writers
AFR 2202	Contemporary Black Writers in American Literature
AFR 3000	Black New York
ARCH 3522	History of New York City Architecture
ARTH 1104	Art of the United States
COM 2406	Gender and Health Communication
ECON 1101	Macroeconomics
ECON 2403	Labor Management Relations
ENG 2180	Studies in Identity and Orientation
ENG 2190	Expressions of Identity
ENG 2200	American Literature I
ENG 2201	American Literature II
ENG 2250	Asian American Literature and Culture
GOV 1101	American Government
GOV 1102	State and Local Government
GOV 2401	US Constitutional Law
GOV 2402	Public Policy
HIS 1110	History of the United States to 1877
HIS 1111	History of the United States Since 1865
HIS 2405	History of Foodways in America
HIS 3208	US Immigration History
HIS 3209	History of Technology
HIS 3310	Environmental History of North America
LATS 2501	The Puerto Rican and Latin American in New York and Urban America
SOC 1104	Race and Ethnic Relations
THE 3280	American Musical Theatre

Individual and Society (IS)

AFR 2000	Blacks in Media
AFR 2250	Black Women in Literature
ARTH 2101	Healing the Body: The Visual Culture of Medicine
COM 1330	Public Speaking
COM 1332	Introduction to Human Communication
COM 1335	Group Communication
COM 2402	Intercultural Communication
COM 2403	Health Communication
COM 2404	Interpersonal Communication
COM 3401	Business and Professional Communication
ECON 1401	Microeconomics
ECON 2301	Money and Banking
ENG 1151	Introduction to Journalism
ENG 1161	Language and Thinking
ENG 1773	Weird Science: Interpreting and Redefining Humanity
ENG 2000	Perspectives in Literature
ENG 2150	Introduction to Women Writers
ENG 2420	Science Fiction
ENG 3401	Law Through Literature
ENG 3404	The Literature of Illness and Care
LIB 1201	Research and Documentation in the Information Age
PHIL 2101	Introduction to Philosophy
PHIL 2102	Logical Thinking
PHIL 2103	Ethics
PHIL 2104	Ancient Philosophy
PHIL 2106	Philosophy of Technology
PHIL 2107	Philosophy and Women
PHIL 2203	Health Care Ethics
PHIL 3208	Political Philosophy
PHIL 3211	Philosophy of Law
PHIL 3212	Engineering Ethics
PHIL 3400	Environmental Philosophy
PSY 1101	Introduction to Psychology
PSY 2300	Developmental Psychology
PSY 2301	Child Psychology
PSY 2302	Psychology of Adolescence and Adulthood
PSY 2303	Psychology of Aging
PSY 2401	Social Psychology
PSY 2402	Psychology of Personality
PSY 2403	Abnormal Psychology
PSY 2404	Personnel and Organizational Psychology
PSY 3405	Health Psychology
SOC 1101	Elements of Sociology
SOC 1102	Urban Sociology
SOC 1103	The Family
SOC 2201	Sociology of Aging
SOC 2380	Sociology of Education
SOC 2401	Society, Technology and Self
SOC 2403	Law and Society
SOC 3302	Environmental Sociology
SOC 3303	Sociology of Big Numbers
SOC 3402	The Sociology of Social Problems

Creative Expression (CE)

AFR 1301	Introduction to African Art
AFR 1304	African American/Caribbean Art
AFR 1311	African American/Caribbean Music
AFR 1321	Black Theater
AFR 1503	Hip-Hop Worldview
AFR 2302	African Art and Architecture of Africa
ARCH 2321	History of 20th Century Architecture
ARTH 1100	History and Appreciation of Photography
ARTH 1112	Introduction to Film
ARTH 1204	20th Century Dress and Culture
ARTH 3311	The History of Graphic Design
COM 1340	Oral Interpretation of Literature
ENG 1141	Creative Writing
ENG 1142	Introduction to Poetry Writing
ENG 1143	Writing for Stage and Screen
ENG 2001	Introduction to Literature I: Fiction
ENG 2002	Introduction to Literature II: Drama
ENG 2003	Introduction to Literature III: Poetry
ENG 2170	Introduction to Studies in Maleness and Manhood
ENG 2400	Films from Literature
ENG 3402	Topics in Literature
ENG 3403	One Major Writer
ENG 3407	Gothic Literature and Visual Culture
MUS 1210	Musical Styles
MUS 1211	Music of Latin America
MUS 2206	Jazz
MUS 2207	20th Century Music
THE 2180	Introduction to Theatre
THE 2280	History of the Theatre: Stages and Technology
THE 2380	Play Analysis: Texts and Contexts

Scientific World (SW)

BIO 1101	Biology I
BIO 1201	Biology II
BIO 2250	Evolution
BIO 2311	Human Anatomy and Physiology I
BIO 2312	Human Anatomy and Physiology II
BIO 3302	Microbiology
BIO 3350	Bioinformatics I
CHEM 1110	General Chemistry I
CHEM 1210	General Chemistry II
GEOG 1101	Elements of Physical Geography
MAT 1272	Statistics
MAT 1280	Quantitative Mathematics
MAT 1315	Technical Mathematics with Applications II
MAT 1372	Statistics with Probability
MAT 1375	Precalculus
MAT 1475	Calculus I
MAT 1575	Calculus II
MAT 2440	Discrete Structures and Algorithms I
MAT 2540	Discrete Structures and Algorithms II
MAT 2572	Probability and Mathematical Statistics I
MAT 2580	Introduction to Linear Algebra
MAT 2680	Differential Equations
PHIL 2201ID	Symbolic Logic
PHYS 1111	Principles of Science I
PHYS 1112	Principles of Science II
PHYS 1117	Astronomy I
PHYS 1118	Astronomy II: Stars, Galaxies, Cosmology
PHYS 1433	General Physics I: Algebra Based
PHYS 1434	General Physics II: Algebra Based
PHYS 1441	General Physics I: Calculus Based
PHYS 1442	General Physics II: Calculus Based
PHYS 2443	Modern Physics
PHYS 2605	Introduction to Laser Physics and Photonics
CST 1000	Foundations of Computing
ESCI 1210	Environmental Science II
PSY 3407	Psychology of Visual Perception

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CITY TECH CAPSTONE COURSES AS OF FALL 2023

Capstone Courses

COURSE	COURSE TITLE	PRE/CO REQUISITES
AFR 2202	Contemporary Black Writers in American Literature	**Prereq:** ENG 1101, Previous AFR course
AFR 2402/ID	The Heritage of Imperialism	**Prereq:** ENG 1101, Previous AFR course
BIO 2450	Genetics	**Prereq:** BIO 1201
CHEM 2223	Organic Chemistry I	**Prereq:** CHEM 1210
CHEM 2323	Organic Chemistry II	**Prereq:** CHEM 2223
CHEM 3622	Inorganic Chemistry	**Prereq:** CHEM 1210
COM 3401	Business and Professional Communication	**Prereq:** ENG 1121 or higher; or department approval or COM 1330 or higher
ECON 2403	Labor Management Relations	**Prereq:** ECON 1101
ECON 2505/ID	Environmental Economics	**Prereq:** ECON 1101 or ECON 1401
ENG 3401	Law Through Literature	**Prereq:** ENG 1121
ENG 3402	Topics in Literature	**Prereq:** ENG 1121 or any 2000-level literature course (AFR, ENG, LATS)
ENG 3403	One Major Writer	**Prereq:** ENG 1121 or any 2000-level literature course (AFR, ENG, LATS)
ENG 3407	Gothic Literature and Visual Culture	**Prereq:** ENG 1121 or any 2000-level literature course (AFR, ENG, LATS)
GOV 2401	Constitutional Law	**Prereq:** LAW 1201 or GOV 1101 or GOV 1102
GOV 2402	Public Policy	**Prereq:** GOV 1101 or GOV 1102
HIS 2405	History of Foodways in America	**Prereq:** One previous History course
HIS 3208/ID	US Immigration History	**Prereq:** ENG 1101 and one previous History course
HIS 3209/ID	History of Technology	**Prereq:** ENG 1101 and one previous History course
HIS 3310	Environmental History of North America	**Prereq:** HIS, AFR, LATS course or ARCH 2321 or ARCH 3551
HIS 3402/ID	Topics in Modern World History, 1945-Present	**Prereq:** ENG 1101 and any previous History course
MAT 2580	Introduction to Linear Algebra	**Prereq or Coreq:** MAT 1575
MAT 2680	Differential Equations	**Prereq:** MAT 1575
PHIL 3209	Philosophy of Religion	**Prereq:** One previous Philosophy course
PHIL 3211	Philosophy of Law	**Prereq:** One previous Philosophy course
PHIL 3400	Environmental Philosophy	**Prereq:** One previous Philosophy course
PHYS 2443/ID	Modern Physics	**Prereq:** PHYS1441-1442 or PHYS 1433-1434
PSY 2300	Developmental Psychology	**Prereq:** PSY 1101
PSY 2301	Child Development	**Prereq:** PSY 1101
PSY 2302	Psychology of Adolescence and Adulthood	**Prereq:** PSY 1101
PSY 2303	Psychology of Aging	**Prereq:** PSY 1101
PSY 2401	Social Psychology	**Prereq:** PSY 1101
PSY 2402	Psychology of Personality	**Prereq:** PSY 1101
PSY 2403	Abnormal Psychology	**Prereq:** PSY 1101
PSY 2404	Personnel and Organizational Psychology	**Prereq:** PSY 1101
PSY 3405/ID	Health Psychology	**Prereq:** ENG 1101, PSY 1101
PSY 3407	Psychology of Visual Perception	**Prereq:** ENG 1101, PSY 1101
SOC 2201	Sociology of Aging	**Prereq:** SOC 1101
SOC 2401/ID	Society, Technology and Self	**Prereq:** SOC 1101
SOC 2403	Law and Society	**Prereq:** SOC 1101 or PSY 1101
SOC 3301	The Emerging Global Society	**Prereq:** ENG 1101 and one of the following: any Sociology course (SOC), ECON 1101, HIS 1102 or HIS 1103
SOC 3302	Environmental Sociology	**Prereq:** ENG 1101 and any SOC or ANTH course
SOC 3303	Big Numbers	**Prereq or Coreq:** (ENG 1101 or ENG 1101CO or ENG 1101ML) and (PSY 1101 or AFR 1501 or AFR 1502 or any SOC or ANTH course)
SOC 3402	Sociology of Social Problems	**Prereq:** Any 1000-level SOC course, ENG 1101

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CITY TECH WRITING INTENSIVE COURSES AS OF SPRING 2024

Students must complete two courses designated Writing Intensive (WI) for the associate level, one from general education and one from the major.
Important: classes must be designated WI during the semester taken.

World Cultures and Global Issues (WCGI)

AFR 2212	Modern African Literature	All Sections are Writing Intensive
AFR 2222	Current Caribbean Literature	All Sections are Writing Intensive
AFR 2612	African Philosophy and Religion	All Sections are Writing Intensive
ANTH 1102	Magic, Witchcraft, and Religion	All Sections are Writing Intensive
COM 2401	International Communication	All Sections are Writing Intensive
ECON 2505	Environmental Economics	HD23m HD24
ENG 2101	English Literature II	All Sections are Writing Intensive
ENG 2160	Womens Studies	All Sections are Writing Intensive
ENG 2301	Great Works of Literature II	All Sections are Writing Intensive
HIS 1503	The Modern Middle East and North Africa	D762
LATS 2204	Latin American Fashion and Culture	All Sections are Writing Intensive
SPA 3301	Survey of Early Spanish Literature	All Sections are Writing Intensive
SPA 3302	Survey of Modern Spanish Literature	All Sections are Writing Intensive

US Experience in its Diversity (USED)

AFR 2201	Early Black Writers in American Literature	All Sections are Writing Intensive
AFR 2202	Contemporary Black Literature	All Sections are Writing Intensive
ARCH 3522	History of New York City Architecture	D650, D652, E164
ENG 2180	Identity and Orientation	All Sections are Writing Intensive
ENG 2190	Expressions of Identity	All Sections are Writing Intensive
ENG 2201	American Literature II	All Sections are Writing Intensive
HIS 3208	US Immigration History	D764
HIS 3209	History of Technology	All Sections are Writing Intensive

Individual and Society (IS)

AFR 2000	Blacks in Media: Race, Gender and Culture Representations	All Sections are Writing Intensive
AFR 2550	Black Women in Literature	All Sections are Writing Intensive
COM 2402	Intercultural Communication	All Sections are Writing Intensive
COM 2403	Health Communication	All Sections are Writing Intensive
COM 3401	Business and Professional Communication	All Sections are Writing Intensive
ENG 1773	Weird Science: Interpreting and Redefining Humanity	All Sections are Writing Intensive
ENG 2000	Perspectives in Literature	All Sections are Writing Intensive
ENG 2150	Introduction to Women Writers	All Sections are Writing Intensive
ENG 2420	Science Fiction	All Sections are Writing Intensive
ENG 3401	Law Through Literature	All Sections are Writing Intensive
ENG 3402	Topics in Literature	All Sections are Writing Intensive
ENG 3403	One Major Writer	All Sections are Writing Intensive
ENG 3404	The Literature of Illness and Care	All Sections are Writing Intensive
LIB 1201	Research and Documentation in the Information Age	All Sections are Writing Intensive
PHIL 2101	Introduction to Philosophy	E672, E674
PHIL 2106	Philosophy of Technology	D628
PHIL 3211	Philosophy of Law	W696
PSY 2301	Child Psychology	HD80, HD86, OL44, OL45
PSY 2402	Psychology of Personality	E912, E752
SOC 3303	Big Numbers	All Sections are Writing Intensive

Creative Expression (CE)

ARCH 2321	History of 20th Century Architecture	D608, D610, D612, E146
ARTH 1100	History and Appreciation of Photography	LC04
ENG 1141	Creative Writing	All Sections are Writing Intensive
ENG 1143	Writing for Stage and Screen	All Sections are Writing Intensive
ENG 2001	Introduction to Literature I: Fiction	All Sections are Writing Intensive
ENG 2002	Introduction to Literature II: Drama	All Sections are Writing Intensive
ENG 2003	Introduction to Literature III: Poetry	All Sections are Writing Intensive
ENG 2170	Introduction to Studies on Maleness and Manhood	All Sections are Writing Intensive
ENG 2400	Films from Literature	All Sections are Writing Intensive
ENG 3407	Gothic Literature and Visual Culture	All Sections are Writing Intensive
THE 2380	Play Analysis: Texts and Contexts	All Sections are Writing Intensive
THE 3280	American Musical Theatre	D485

Scientific World (SW)

BIO 2312	Human Anatomy and Physiology II	All Sections are Writing Intensive
BIO 3350	Bioinformatics I	All Sections are Writing Intensive
CHEM 1210	General Chemistry II	All Sections are Writing Intensive
CHEM 2223	Organic Chemistry I	All Sections are Writing Intensive
CHEM 2323	Organic Chemistry II	All Sections are Writing Intensive
MAT 2440	Discrete Structures and Algorithms I	All Sections are Writing Intensive
MAT 2540	Discrete Structures and Algorithms II	All Sections are Writing Intensive
MAT 2572	Probability and Mathematical Statistics I	All Sections are Writing Intensive
PHYS 1433	General Physics I: Algebra Based	All Sections are Writing Intensive
PHYS 1434	General Physics II: Algebra Based	All Sections are Writing Intensive
PHYS 1441	General Physics I: Calculus Based	All Sections are Writing Intensive
PHYS 1442	General Physics II: Calculus Based	All Sections are Writing Intensive

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