

Overview

Athletic Academic Advising (AAA) is a service provided to student-athletes to help assist them with academic needs. Recently, DePaul University established the Degree Progress Report which allows students to track the classes they have taken as well as the future courses needed to complete their major(s) or minor(s). In order to make the meeting process with prospective student-athletes more informational AAA would like to tap into the new technology to provide a different experience when showing curriculum.

Milestone One

After deciding on the core features, first prototype should be a fair representation of the user expectations. The prototype will allow for user testing to begin in order to further flush out features or correct concerns.

Milestone Two

Following the completion of the first prototype, a second prototype was designed eliminating potential functionality and usability issues. Additionally, layout was cleaned up and minor details were updated.

Project Status

The completion of the second prototype allows for a working prototype to be designed.

PROJECT TIMELINE

Project Proposal: 05/09/2012 - COMPLETE
Core Features Established: 05/12/2012 - COMPLETE
Milestone 1: 1st Prototype: 05/18/2012 - COMPLETE
Initial User Testing Completed: 05/23/2012 - COMPLETE
Milestone 2: Working Prototype: 05/30/2012 – TBA
Milestone 2 (Revised): Hi-Fi Prototype: 5/30/2012 - COMPELTE

Overview

GOALS

Develop a mobile application similar to DePaul University's current Degree Progress Report: Currently when an AAA advisor meets with a prospective student-athlete and discusses the curriculum they use either a printed copy or the computer screen. A printed copy may not be up-to-date and does not explicitly say which classes satisfy certain requirements, specifically those for the Liberal Studies core (Arts & Lit, Philosophy, Self Society and the Modern World, Understanding the Past, Religious Dimensions, and Scientific Inquiry). Using the computer suffers many of the same issues with the addition to the difficulty to see the actual information due to the distance between the seating and the monitor. A mobile iPad version would allow for more information to be shared in a condensed fashion

while provided an interactive way for the prospective student-athlete to understand the curriculum offered by DePaul University.

Criteria

- Minimalist design
- Streamlined, simple to use
- Included all majors and minors offered by DePaul
- Ability to compare two majors
- Amend a major to include a double major or minor
- List of courses that would satisfy a requirement

Prototype One – 5/15/2012

Initial lo-fi prototype was completed. Prototype was examined to fix design and functionality issues. Used as a template for the second prototype.

Prototype Two – 5/25/2012 (APPENDIX A)

Currently in progress is a hi-fi prototype which adds actual feel to the application. Approximately 85% of the prototype is completed.

HOME

The home screen serves essentially serves as a splash screen leading the user straight to the core function of finding a potential degree.

DEGREE FILTER

The degree filter is broken into three sections: major, double major and minor. Each section allows for the user to filter majors by either school or career. This is important since many prospective student-athletes (PSAs) are unsure what they want to major in but may know which career they wish to pursue. If filtering by school, the user can select the school they wish to enroll then are given a list of majors supported by the chosen school. A viewable list of degrees is always visible displaying the current majors satisfying the current filter options. As the user selects their school and/or major the list of degrees amends to the filter selections removing the degrees which do not satisfy the chosen options. If filtering by career, users are prompted with filtering by industry then occupation. Like schools, when an industry is selected, occupations for that industry are listed.

DEGREE WORKSHEET

After choosing a degree users directed to degree information. The information portion is divided into three sections: description, degree worksheet, and course filter. The description provides information about the selected majors including what the major is as well as potential jobs in the selected field. The degree worksheet displays all the classes needed to complete the degree. This sheet can be amended to include a double major and/or minor. Most importantly the sheet allows for users to use the course filter to understand which courses satisfy a particular requirement. If a user wants to know which course will satisfy a History requirement, by simply tapping the requirement, a filtered list of courses is displayed with the course number and title.

GLOBAL

Users always have direct access to the main navigation located on the left side of the page. Buttons are similar to those usually found on the iPad leading to a shorter learning curve.

Final Hi-Fi Prototype - 6/1/2012 (APPENDIX B)

HOME

DePaul University Shield added to add a DePaul feel to the application.

DEGREE WORKSHEET

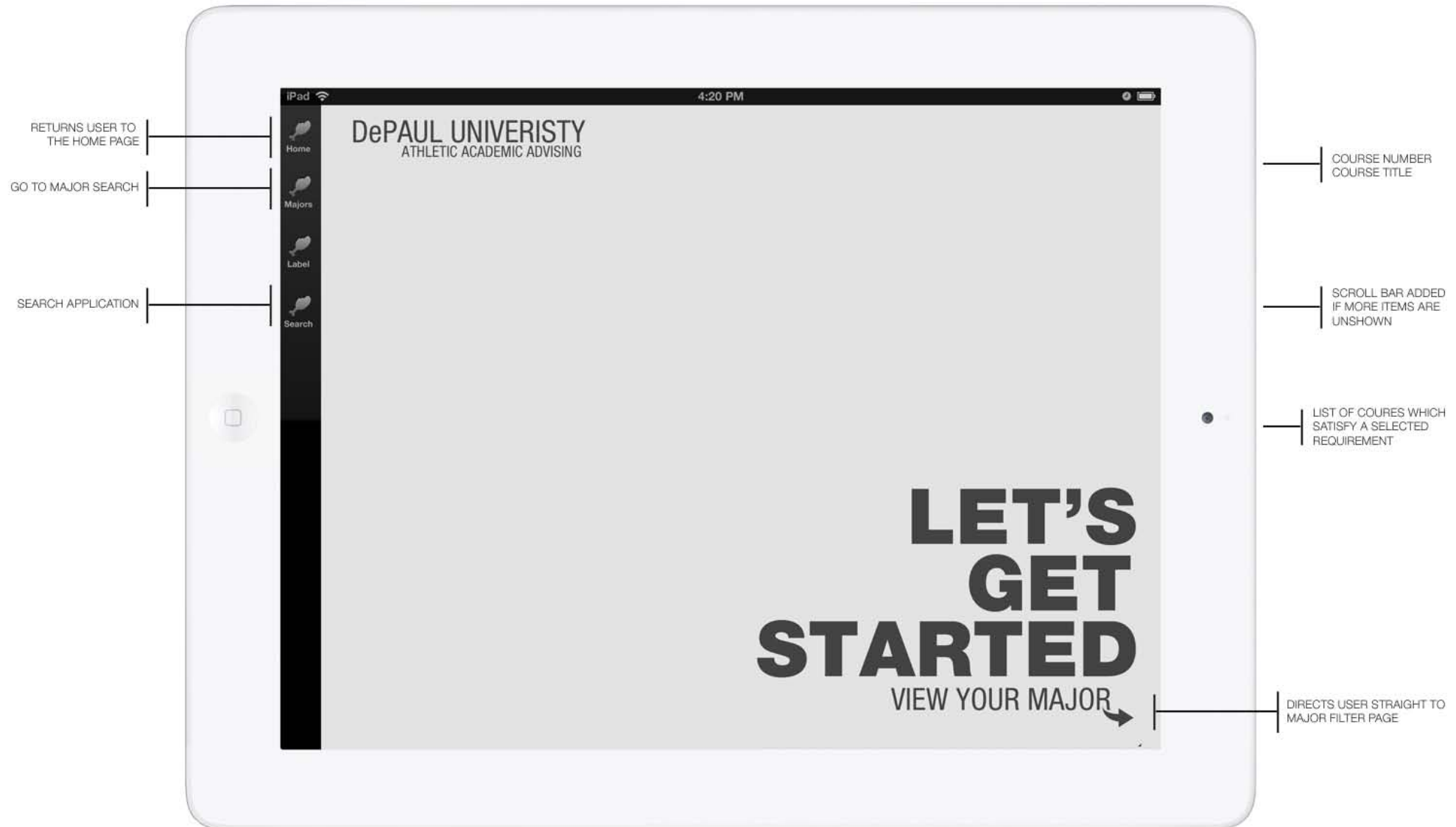
Liberal Art requirements are listed as abbreviations (IE: A&L) opposed to an empty line to allow for easy recognition of the actual number of requirements. This also follows the convention used in the “Compare Majors” function to provide consistency when looking at each version of a worksheet. Degree descriptions are more detailed with now include a summary with the possible concentrations, a list of potential internships and a list of potential careers. Also added relevant photos, staff, students, classrooms, to fill wasted white space.

GLOBAL

Removed unused menu button and added icons specific to the button’s intention.

Sub-menus have been redesigned from to have solid miter corners opposed to the out-of-place rounded corners.

Confirmation window present when a user makes a major choice (IE: selecting a major).

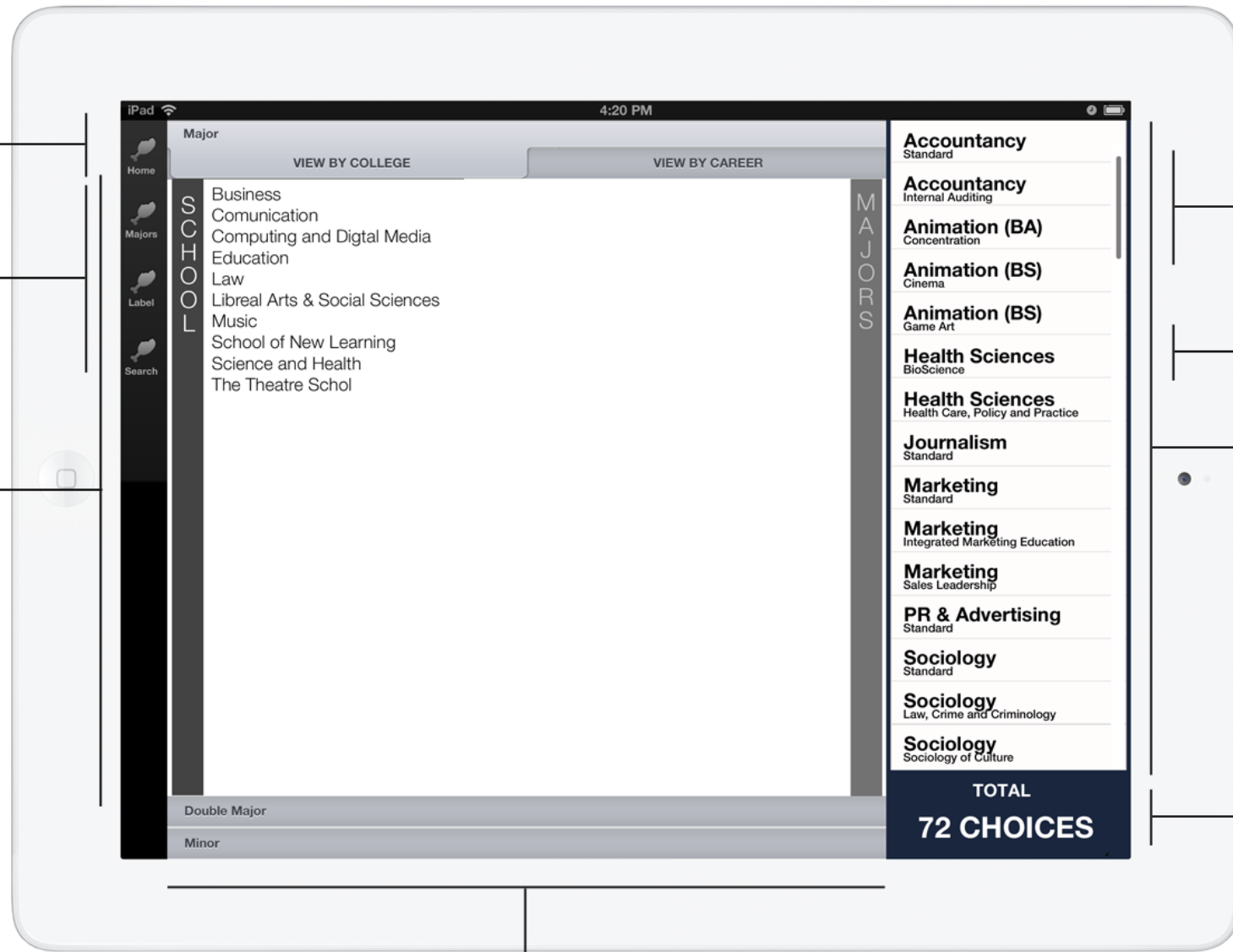


DEGREE BY COLLEGE FILTERED BY SCHOOL

MAJORS CAN BE FILTERED BY COLLEGE OR BY CAREER. ACTIVE TAB IS PRESENTED IN THE FOREGROUND WHILE THE INACTIVE WINDOW IS DIMMED

LIST OF COLLEGES AT DEPAUL

IN COLLEGE VIEW, DEGREES ARE FILTERED BY SCHOOL THEN MAJOR. THE INACTIVE WINDOW IS DIMMED. TO ACCESS A OPTION IS DONE BY TAPPING ON THE DESIRED OPTION OR TAPPING AND SLIDING LEFT. TO CLOSE THE ACTIVE OPTION TAP OR TAP AND SLIDE RIGHT ON THE NAVIGATION OPTION



SCROLL BAR TO ACCESS AND INDICATE ADDITIONAL OPTIONS ARE AVAILABLE

MAJOR LISTED BY TYPE AND CONCENTRATION

SHOWS CURRENT DEGREE OPTIONS BASED ON CURRENT FILTER SETTINGS

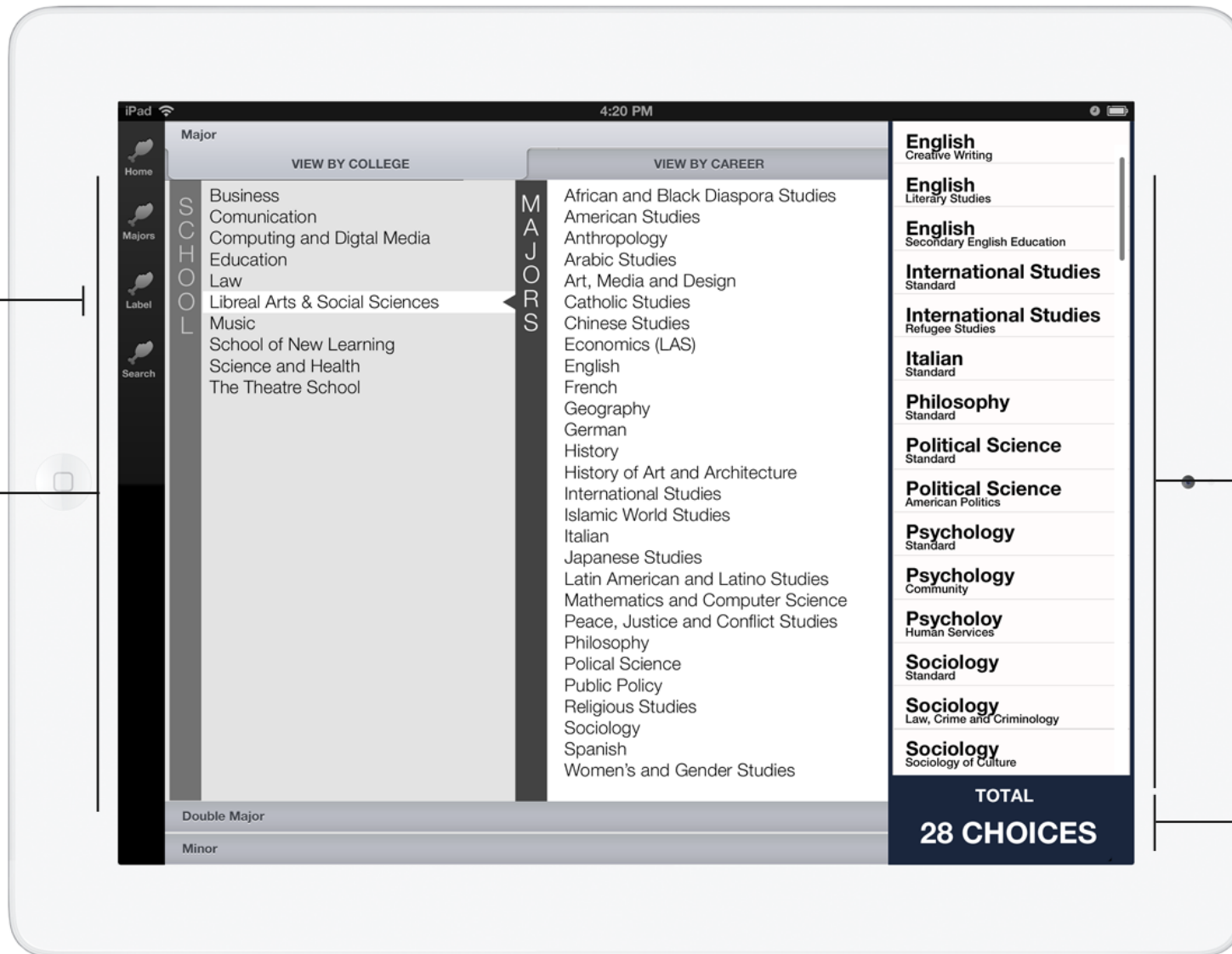
TOTAL NUMBER OF OPTIONS UNDER CURRENT FILTER SETTINGS

DEGREES CAN BE TAILORED TO INCLUDE A MAJOR, DLB MAJOR AND MINOR. EACH DEGREE OPTION CAN BE OPENED BY TAPPING ON THE DESIRED OPTION (MAJOR, DBL MAJOR MINOR) OR PRESS AND SLIDE UP. CLOSING AN ACTIVE WINDOW WORKS SIMILARLY BY TAPPING ON THE ACTIVE WINDOW'S TITLE BAR OR PRESSING AND SLIDING DOWN. INACTIVE WINDOWS ARE DIMMED.

DEGREE BY COLLEGE FILTERED BY MAJOR

ACTIVE SELECTION IS HIGHLIGHTED AND HAS AN ARROW

INACTIVE SCHOOL WINDOW IS NOT CLOSED WHEN A SCHOOL IS SELECTED INSTEAD IS DIMMED. ACTIVE WINDOW HAS WHITE BACKGROUND.



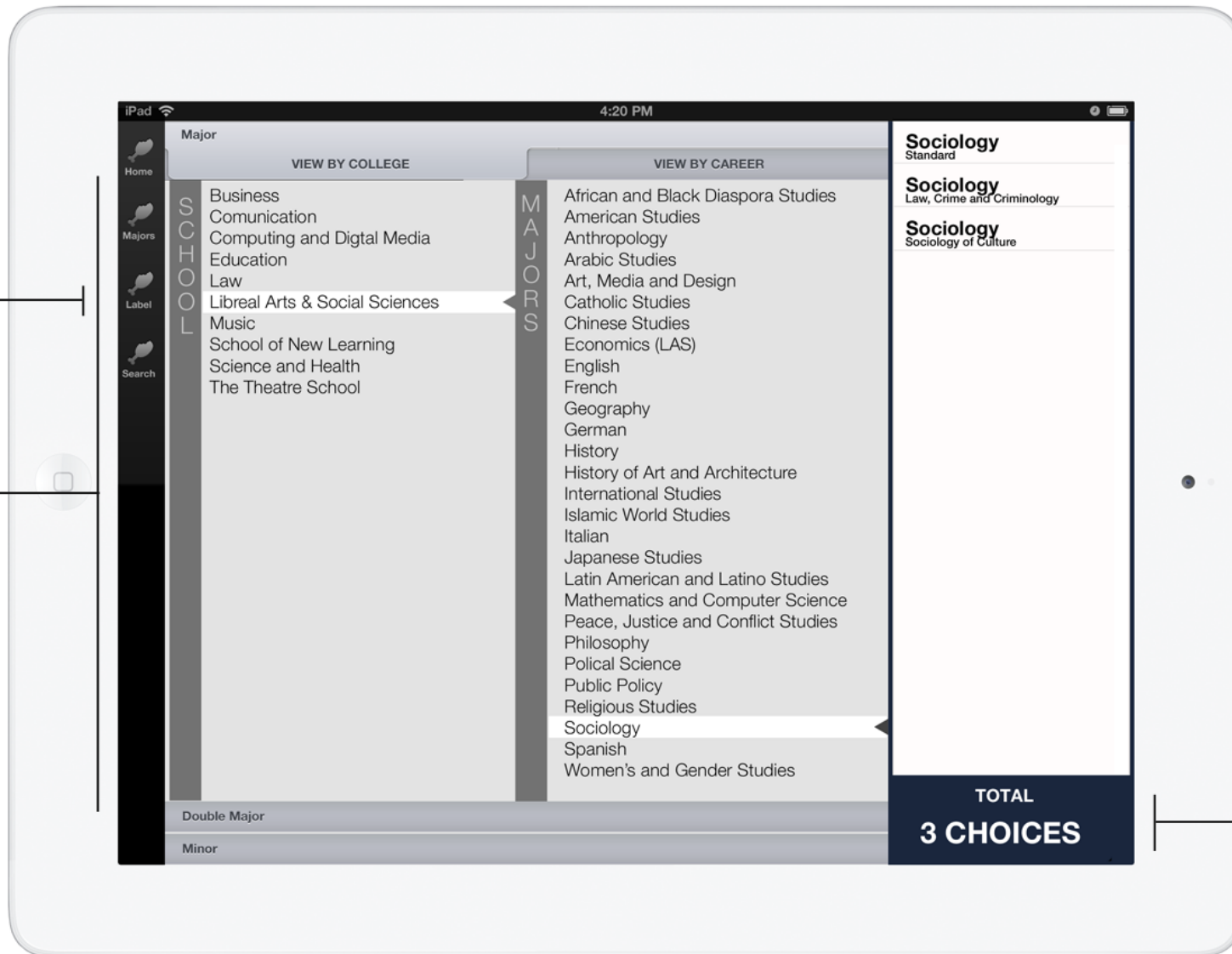
LIST OF MAJORS IN A SELECTED SCHOOL

TOTAL NUMBER OF OPTIONS UNDER CURRENT FILTER SETTINGS. CHANGES WHEN FILTERS ARE ALTERED

DEGREE BY COLLEGE FILTERED RESULTS

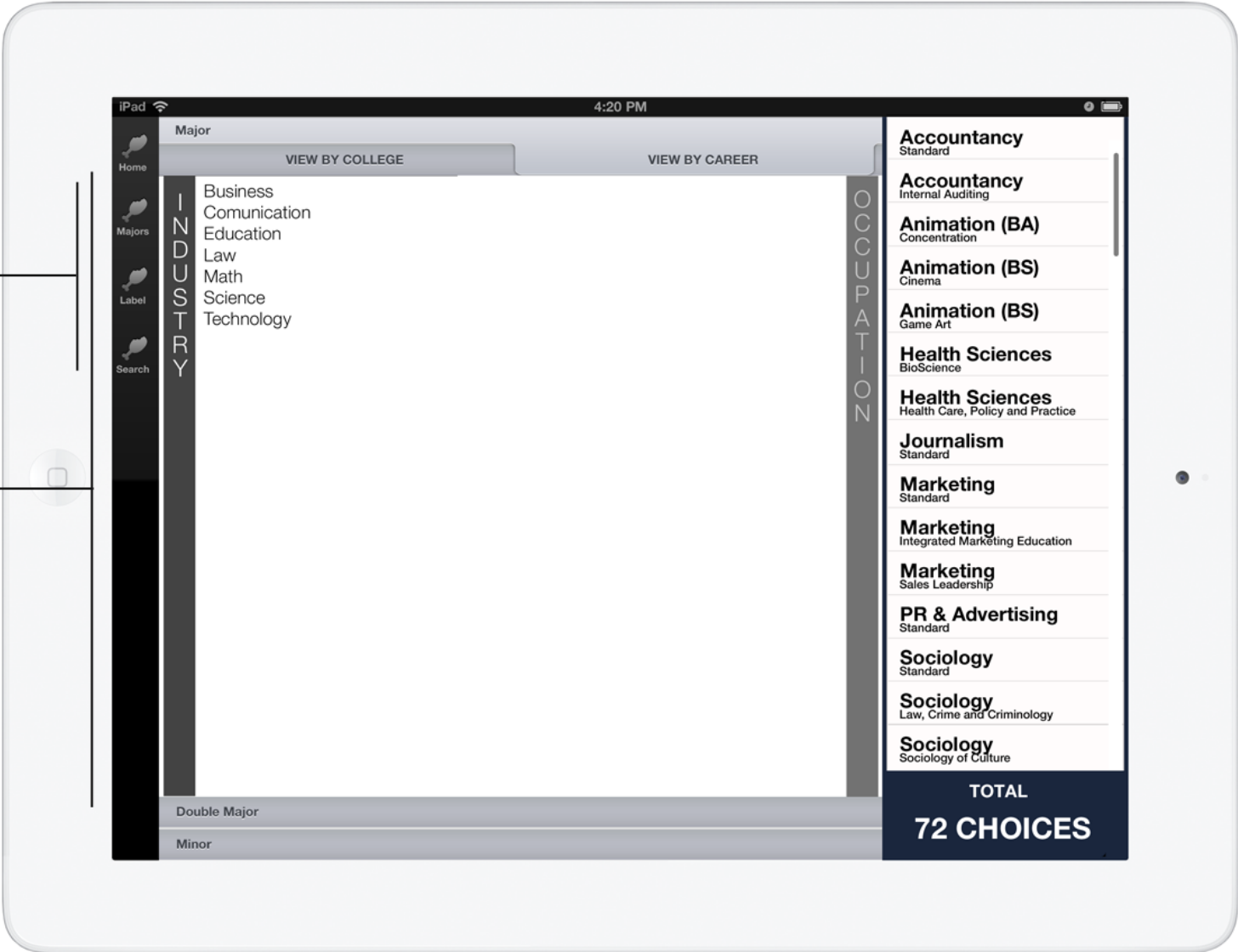
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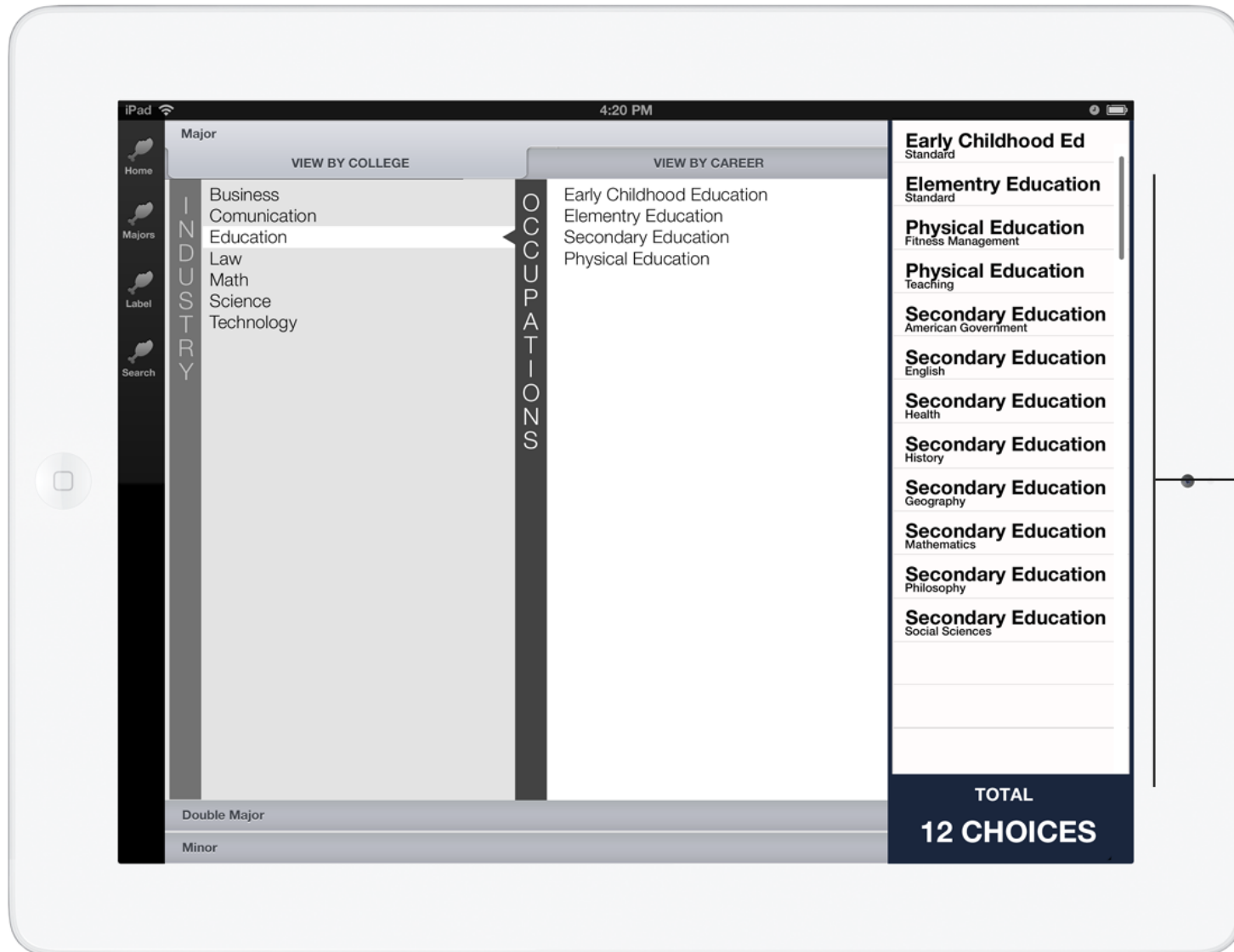


TOTAL NUMBER OF OPTIONS UNDER CURRENT FILTER SETTINGS. CHANGES WHEN FILTERS ARE ALTERED

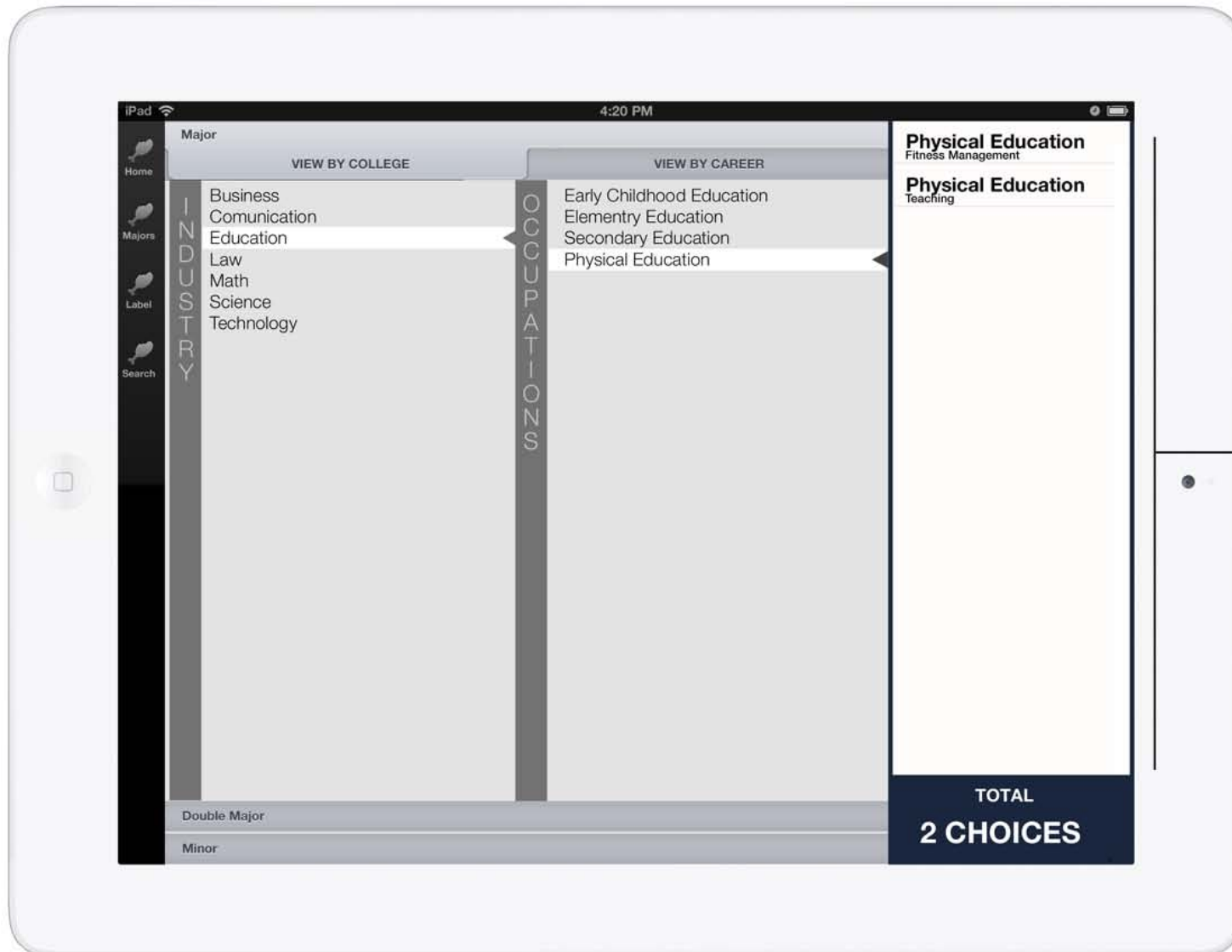
DEGREE BY CAREER FILTERED BY INDUSTRY



DEGREE BY CAREER FILTERED BY OCCUPATION

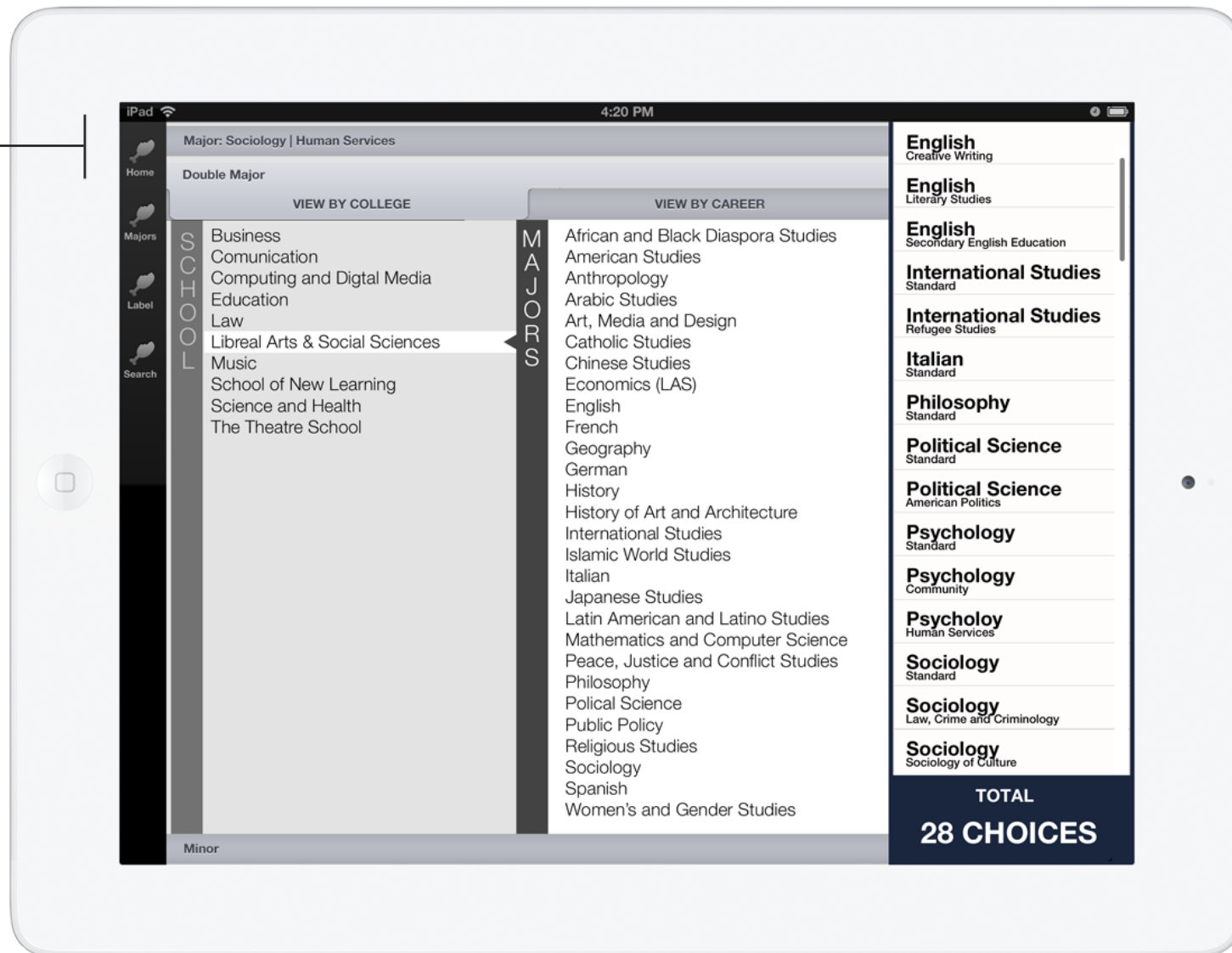


DEGREE BY CAREER FILTERED RESULTS



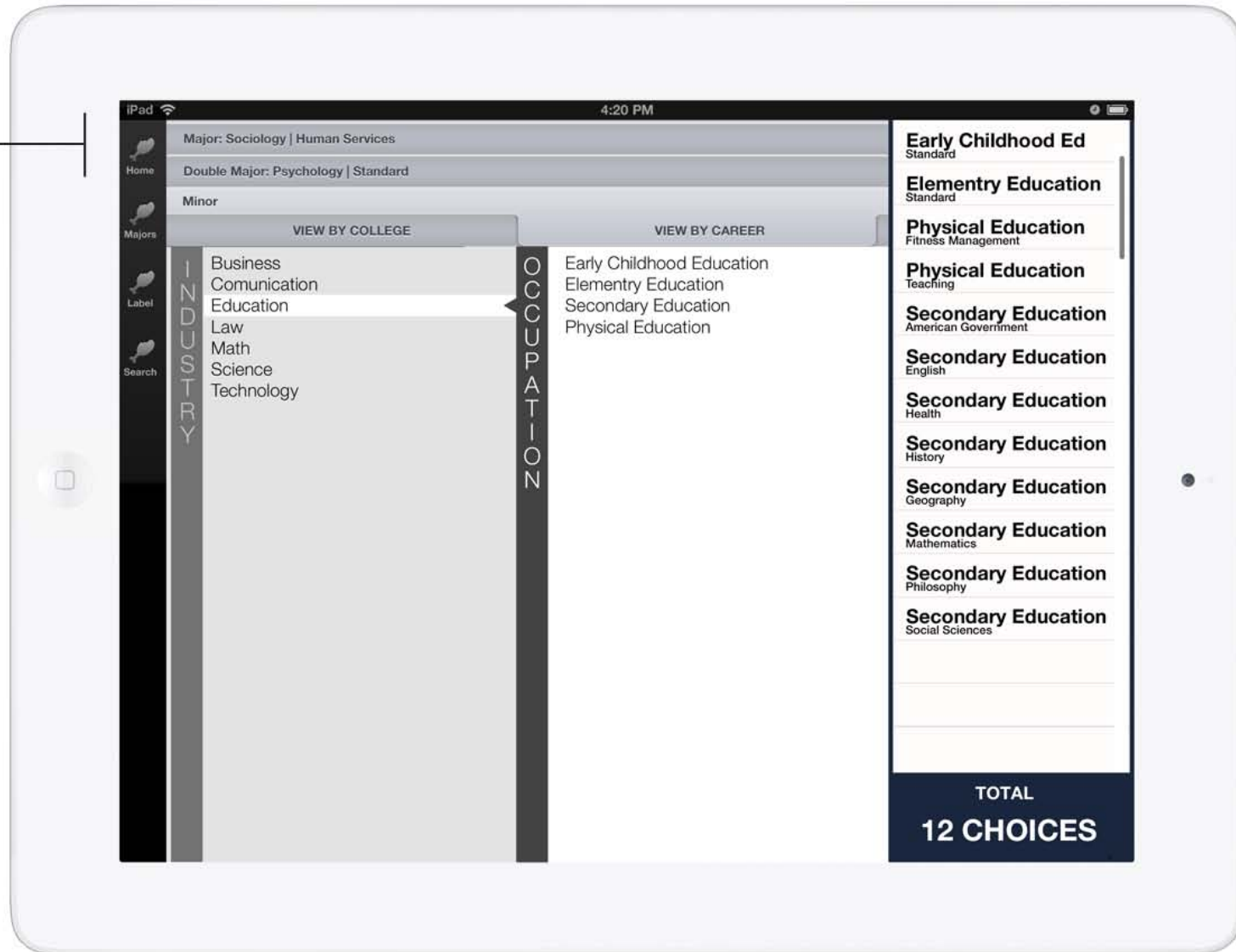
DEGREE ADD DOUBLE MAJOR BY COLLEGE

CHOICES FOR MAJOR, DOUBLE MAJOR OR MINOR ARE SHOWN IN THE TITLE BAR

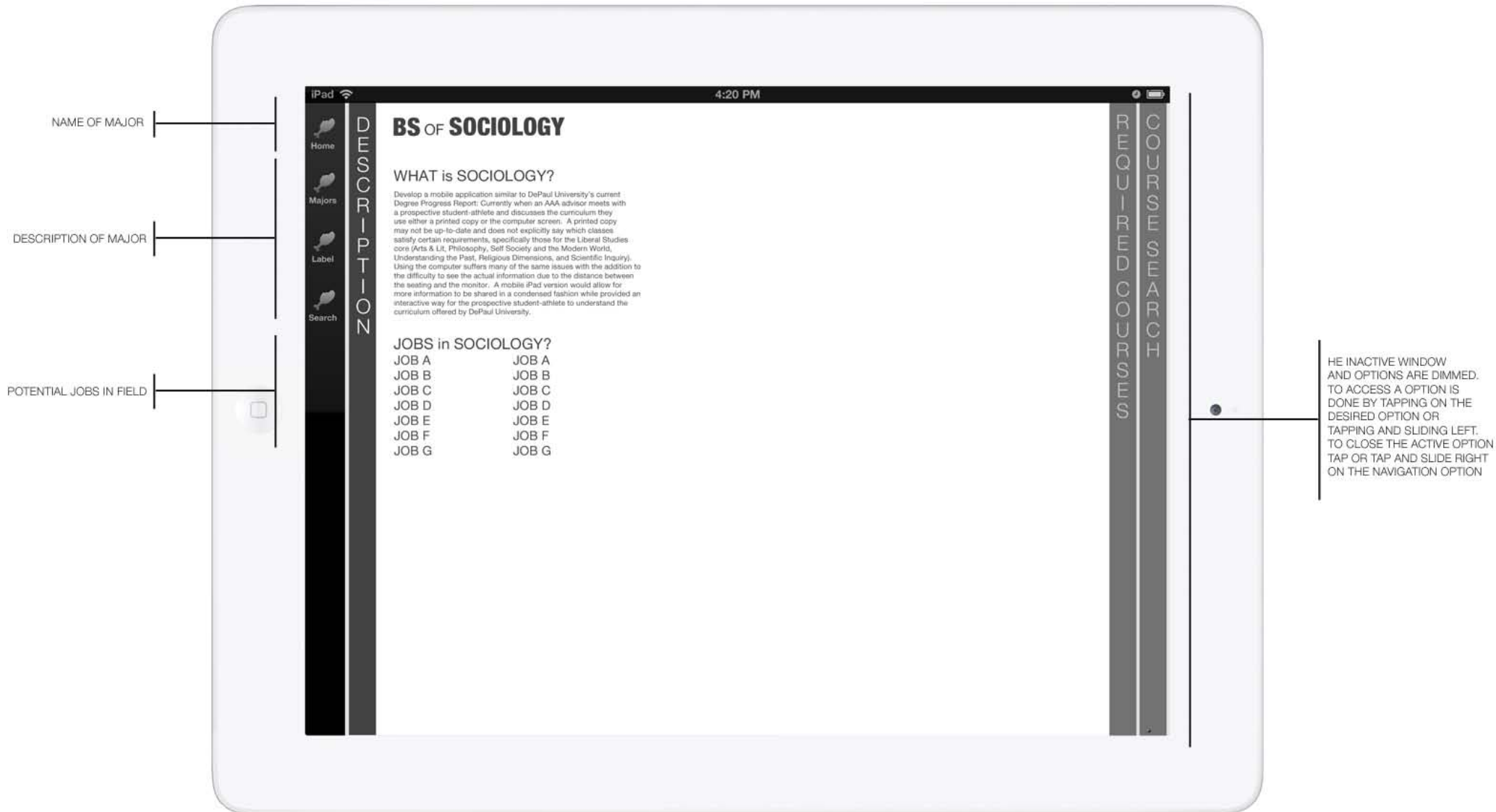


DEGREE ADD MINOR BY CAREER

CHOICES FOR MAJOR, DOUBLE
MAJOR OR MINOR ARE SHOWN
IN THE TITLE BAR



MAJOR DESCRIPTION



DEGREE WORKSHEET FOR SINGLE MAJOR



DEGREE WORKSHEET FOR DOUBLE MAJOR

ADDITIONAL MAJOR OR MINOR
REFLECTED IN THE TITLE OF
THE DEGREE

WORKSHEET AMENDS TO
INCLUDE ADDITIONAL MAJOR
AND/OR MINOR

Home

Majors

Label

Search

REQUIRED COURSES

BS OF SOCIOLOGY • DM BS OF PSYCHOLOGY 48|192HRs

LIBREAL STUDIES (24|96HRS)

YEAR ONE

LSP 110 or LSP 111

LSP 112 - Focal Point

WRD 103 - Reading & Comp I

WRD 104 - Reading & Comp II

LSP 120 - Quantitative Reasoning I

LSP 121 - Quantitative Reasoning II

YEAR TWO

LSP 200 - Sophomore Seminar

YEAR THREE

Junior Year Experiential Learning

YEAR FOUR

SOC 395

ARTS & LIT

PHILOSOPHY

RELIGIOUS DIMENSIONS

SCIENTIFIC INQUIRY

LAB

NON-LAB

NON-LAB

SELF, SOCIETY and the MODERN WORLD

UNDERSTANDING THE PAST

MAJOR COURSES

CORE

SOC 101 or SOC 105

SOC 279 - Introduction to Statistics

SOC 331 - Sociological Theories

SOC 380 - Research Methods I

SOC 381 - Research Methods 2

CONCENTRATION

CLASS

CLASS

CLASS

CLASS

CLASS

CLASS

DOUBLE MAJOR COURSES

CORE

PSY 105

SOC 279 - Introduction to Statistics

SOC 331 - Sociological Theories

SOC 380 - Research Methods I

SOC 381 - Research Methods 2

CONCENTRATION

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DEGREE WORKSHEET COURSE FILTER

Home

Majors

Label

Search

REQUIRED COURSES

BS OF SOCIOLOGY 48/192HRs

LIBREAL STUDIES (24/96HRs)

YEAR ONE

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YEAR FOUR

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SOC 381 - Research Methods 2

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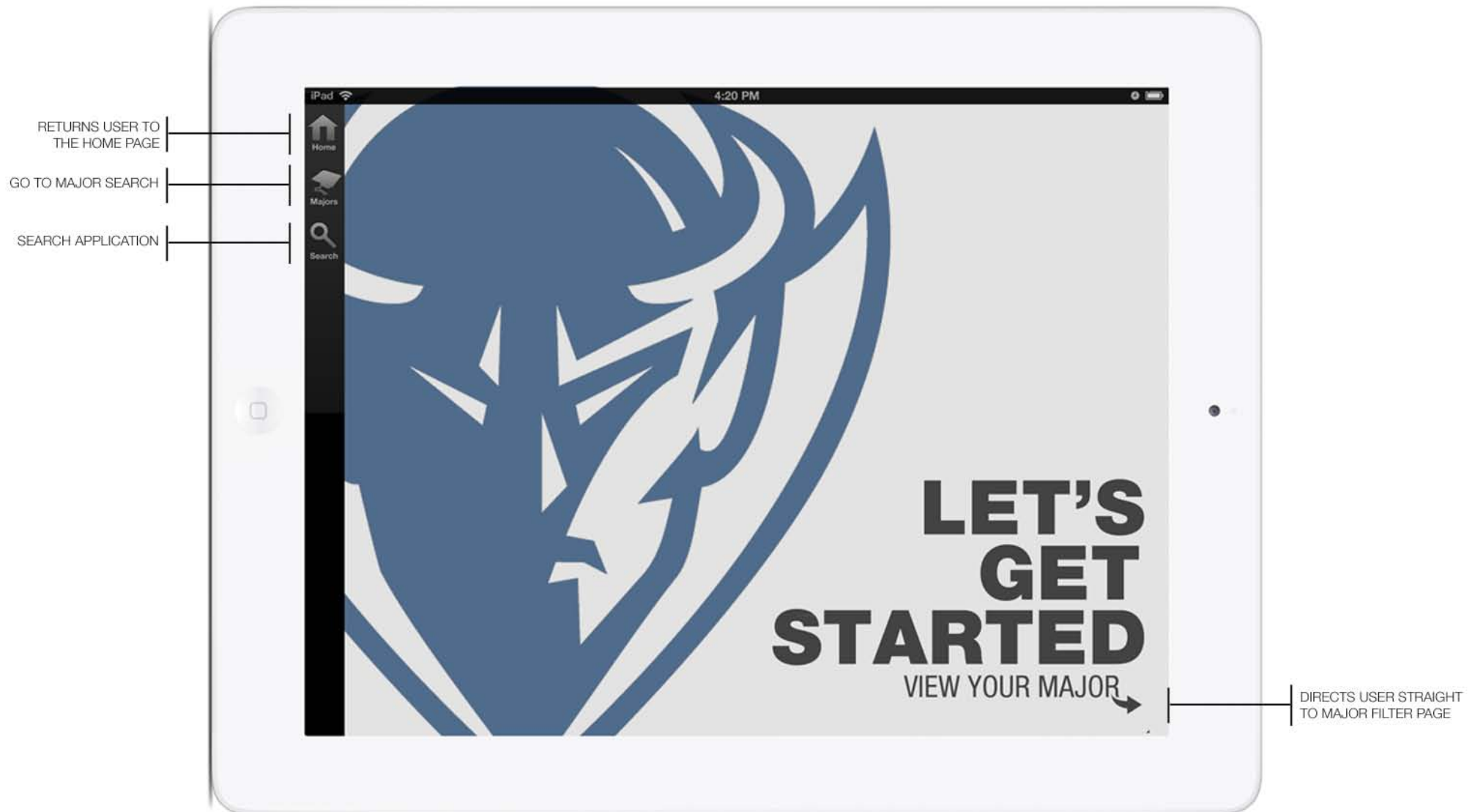
COURSE TITLE

COURSE NUMBER

COURSE TITLE

SCROLL BAR ADDED IF MORE ITEMS ARE UNSHOWN

LIST OF COURSES WHICH SATISFY A SELECTED REQUIREMENT

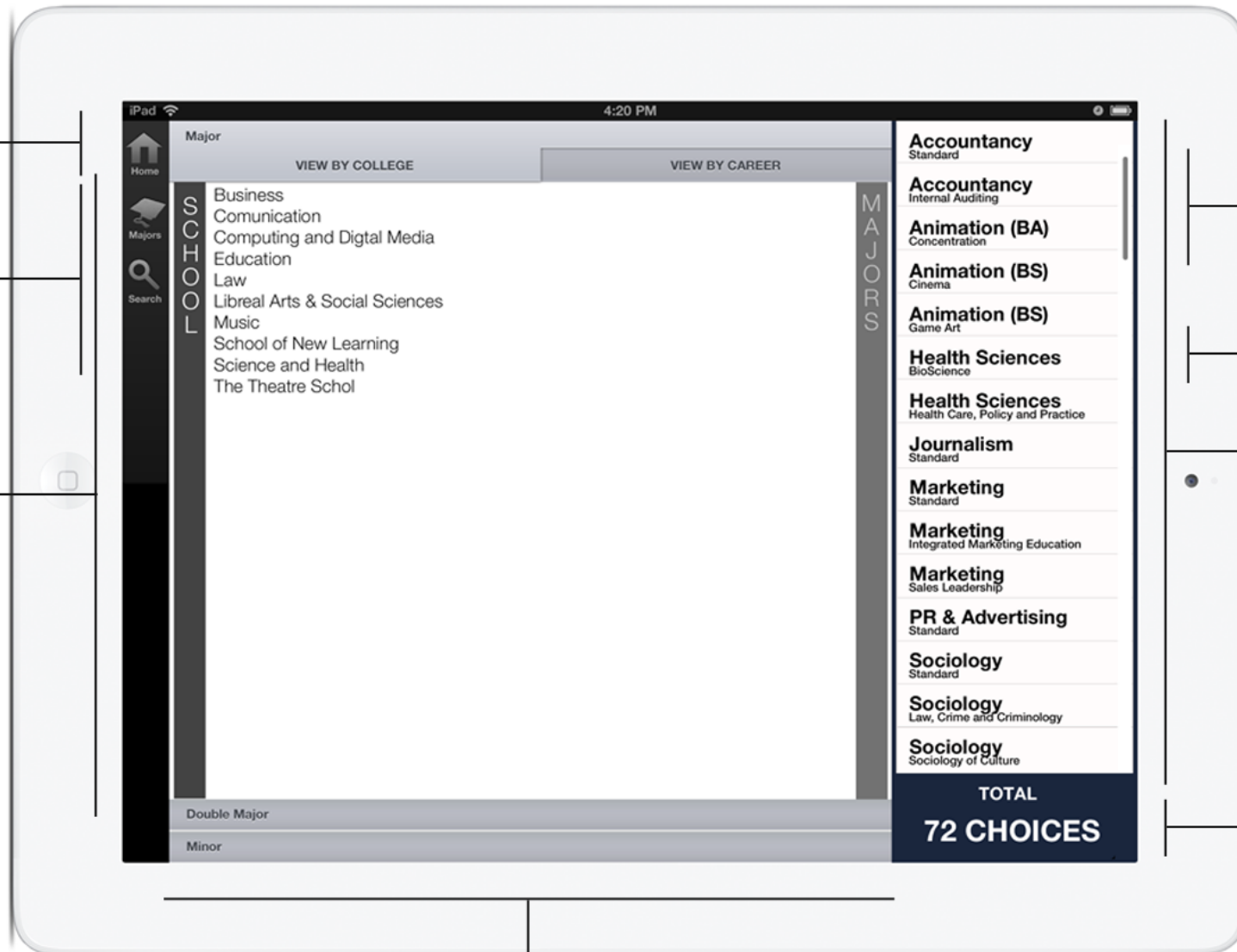


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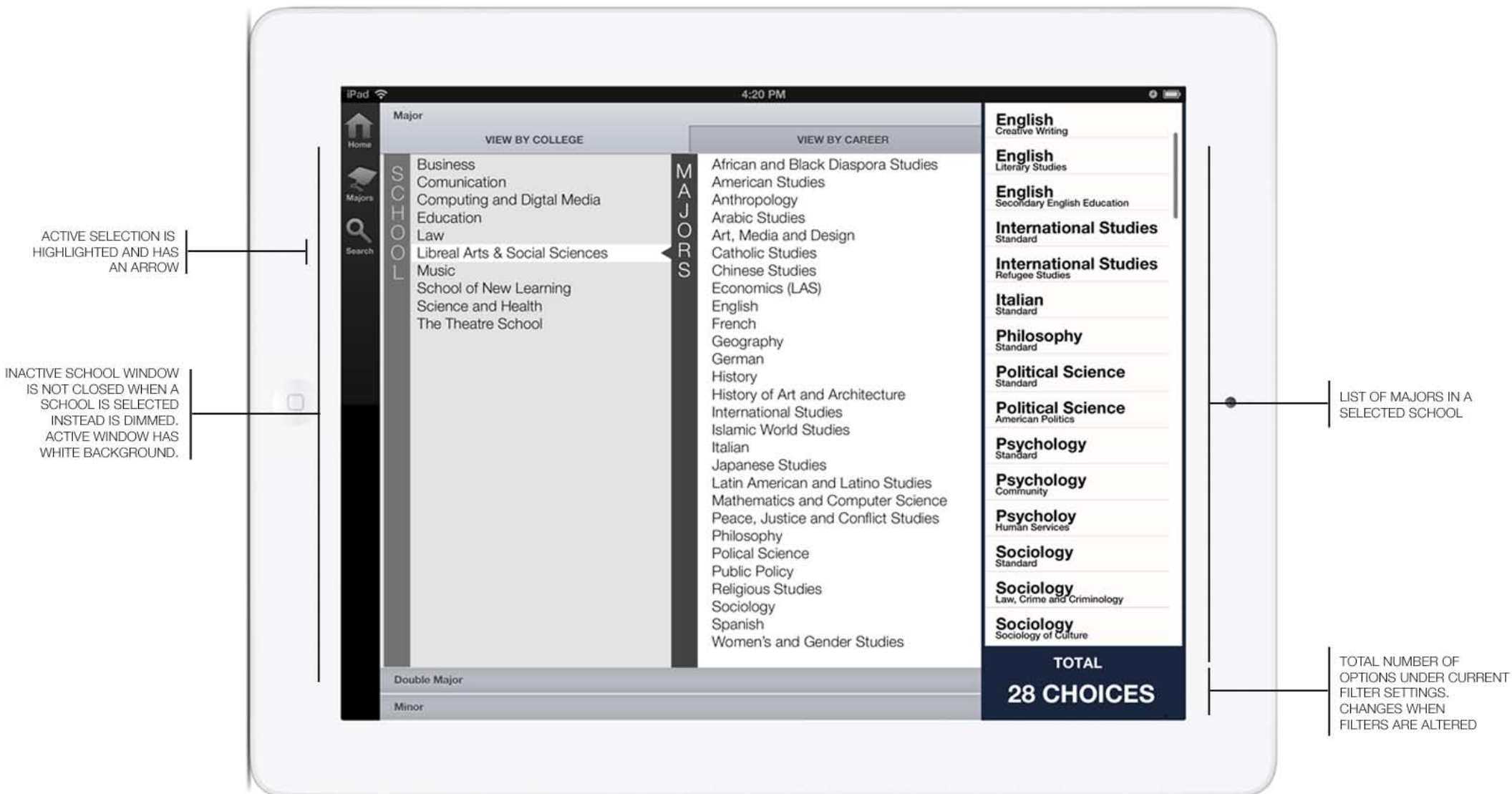
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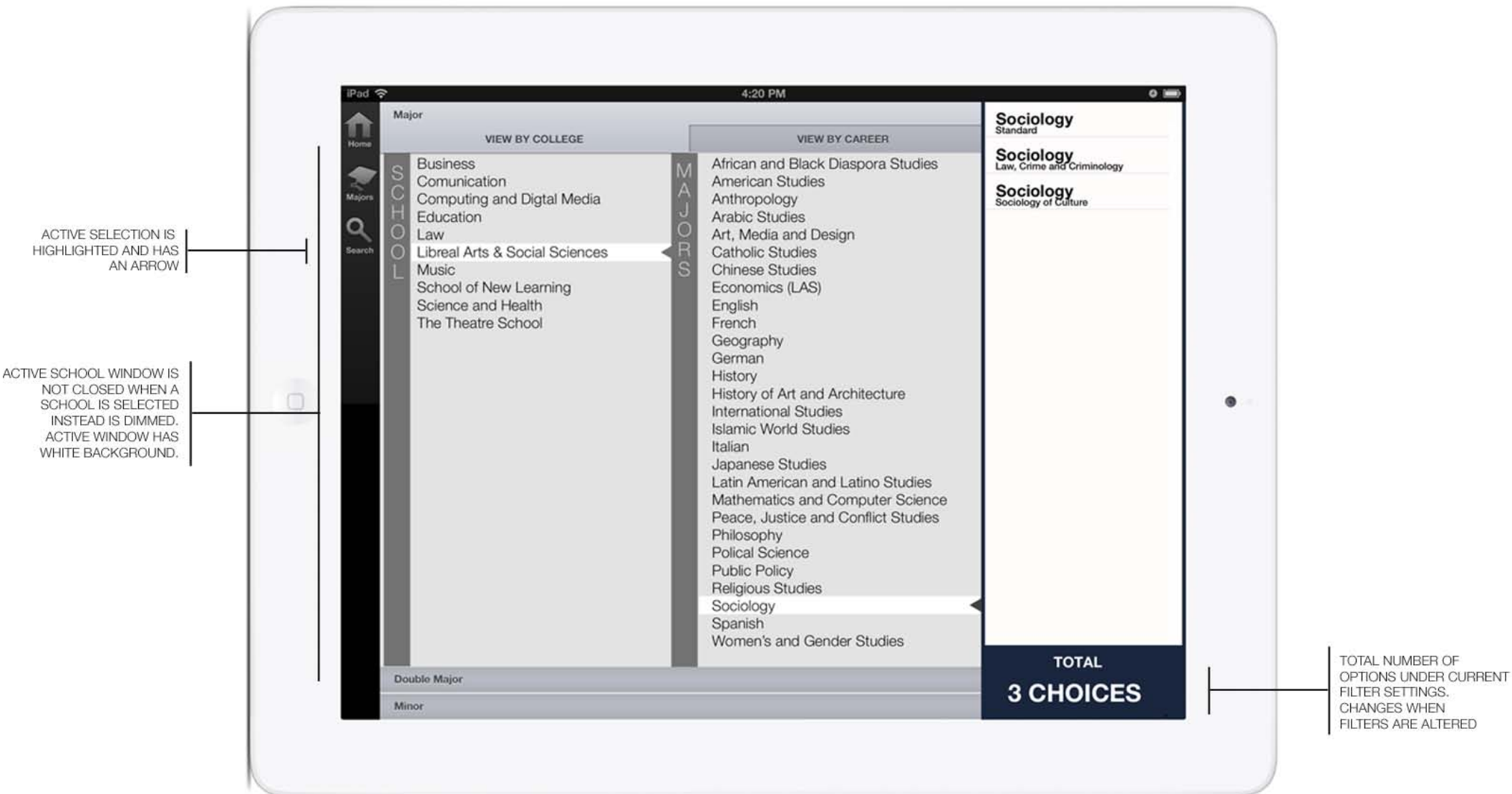
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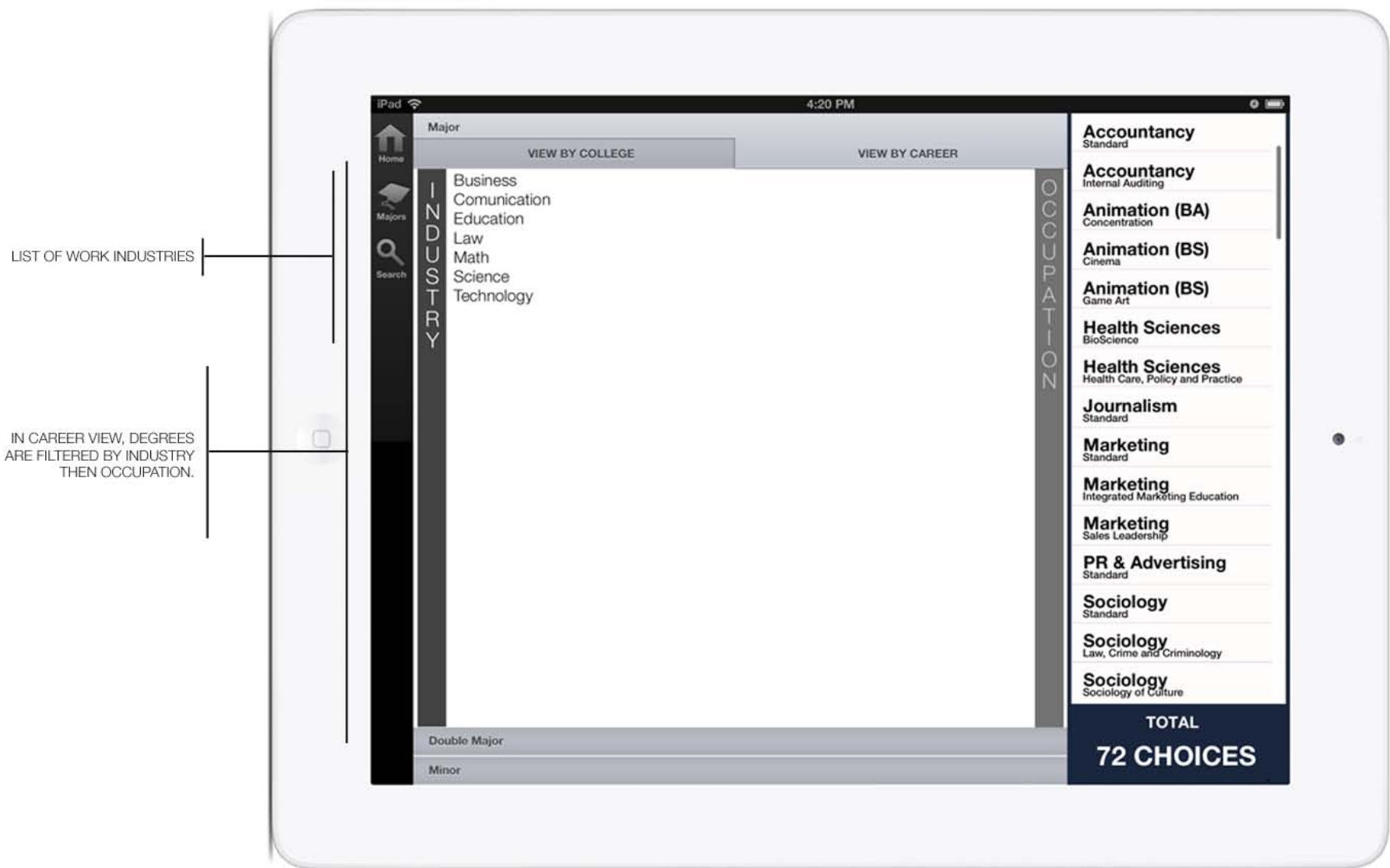
DEGREE BY COLLEGE FILTERED BY MAJOR



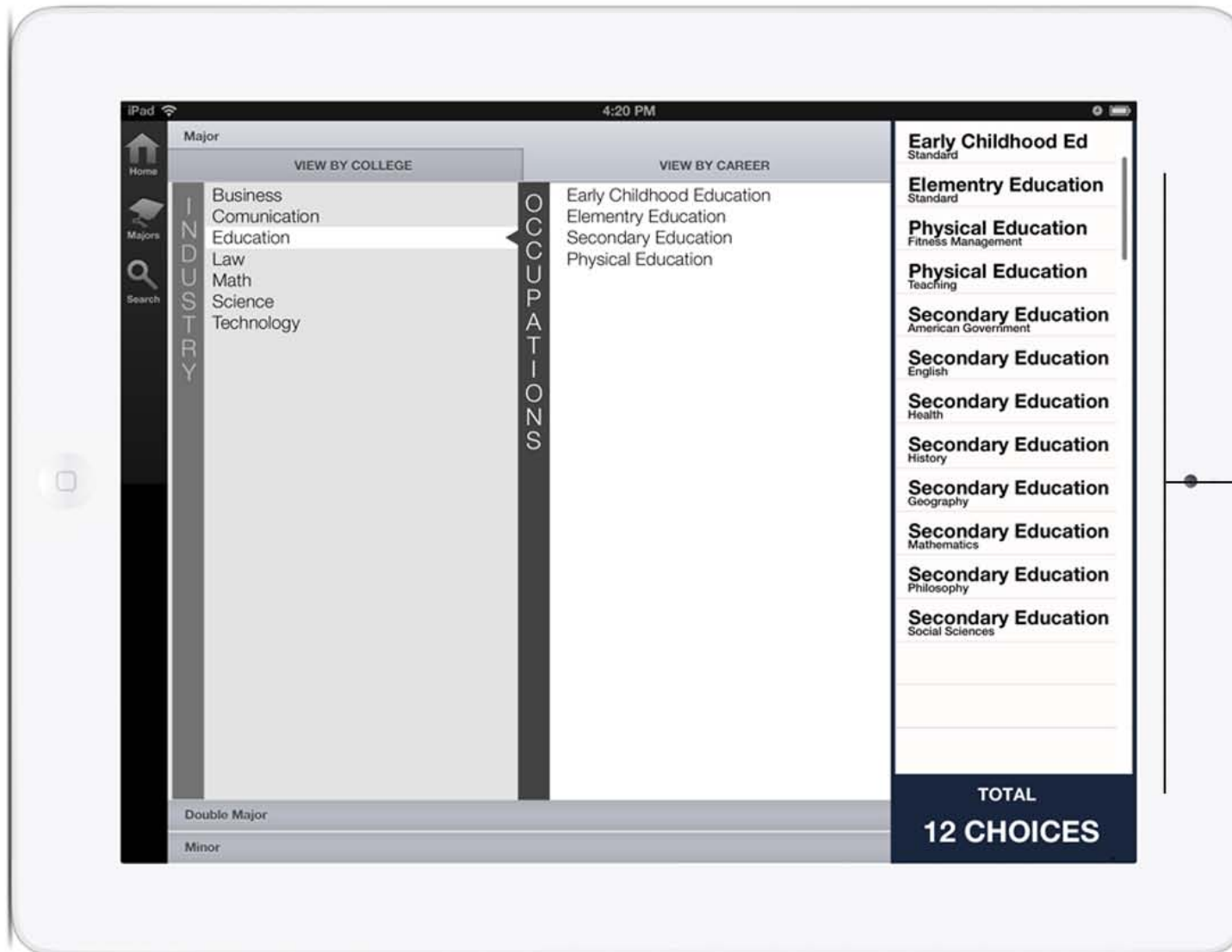
DEGREE BY COLLEGE FILTERED BY RESULTS



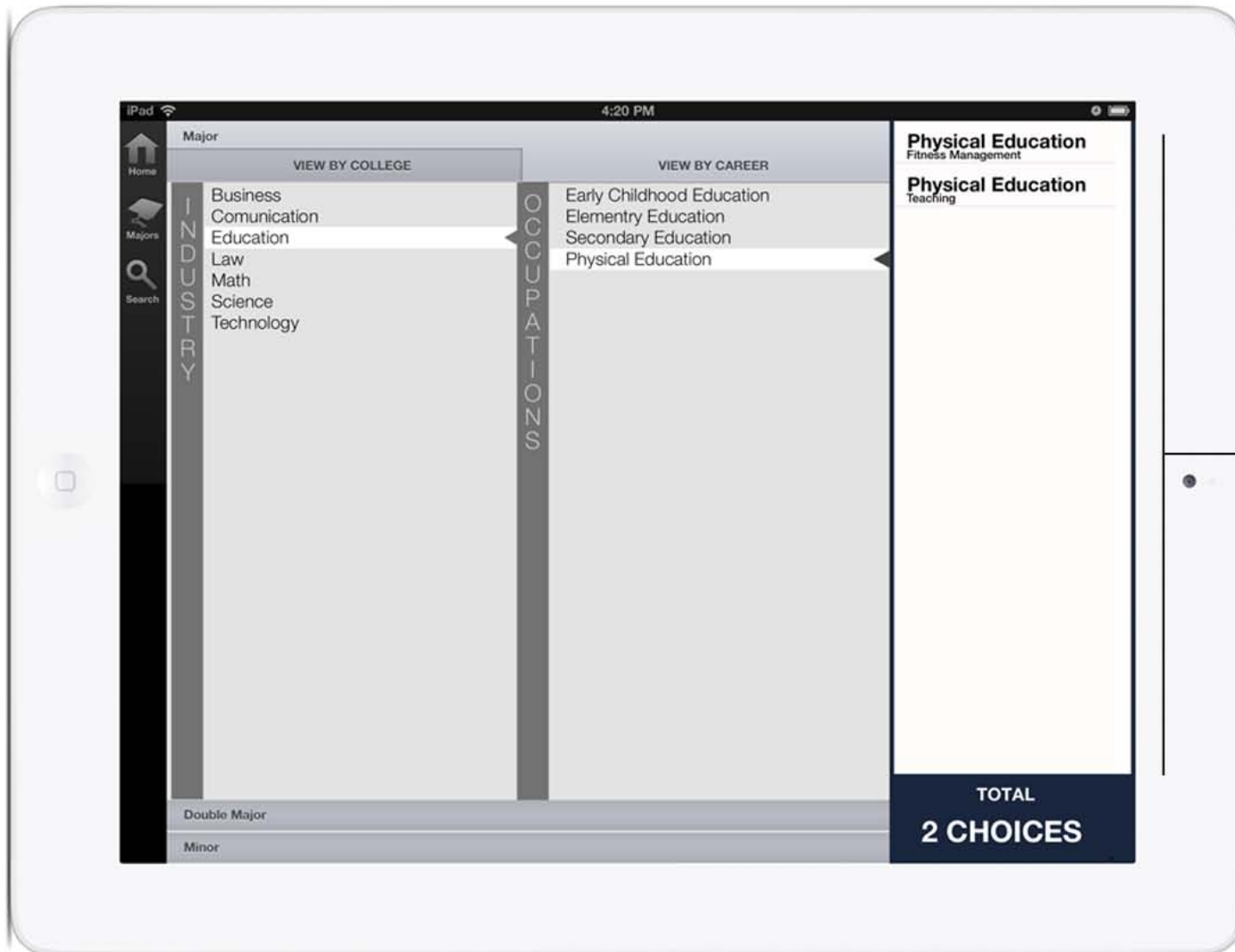
DEGREE BY CAREER FILTERED BY INDUSTRY



DEGREE BY CAREER FILTERED BY OCCUPATION

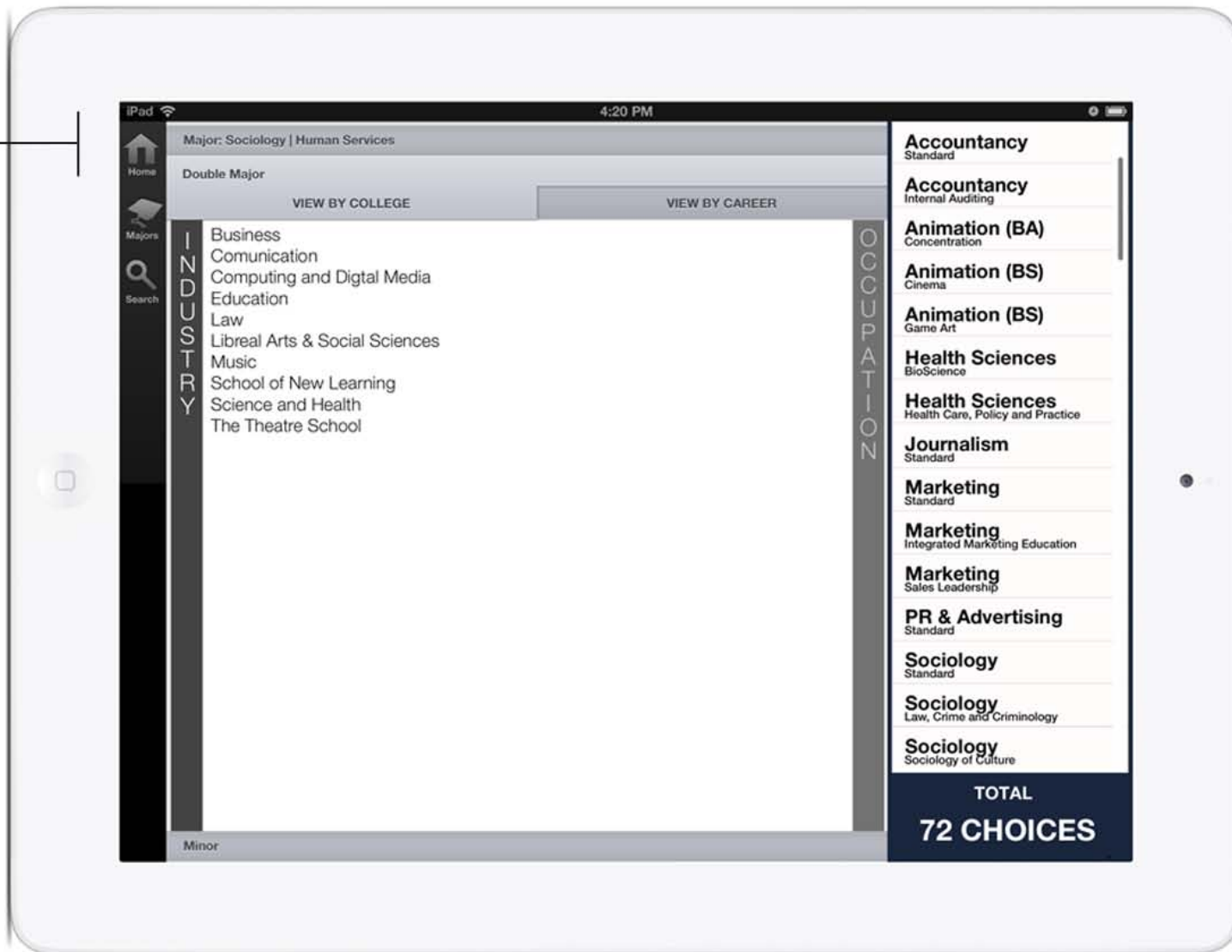


DEGREE BY CAREER FILTERED BY RESULTS



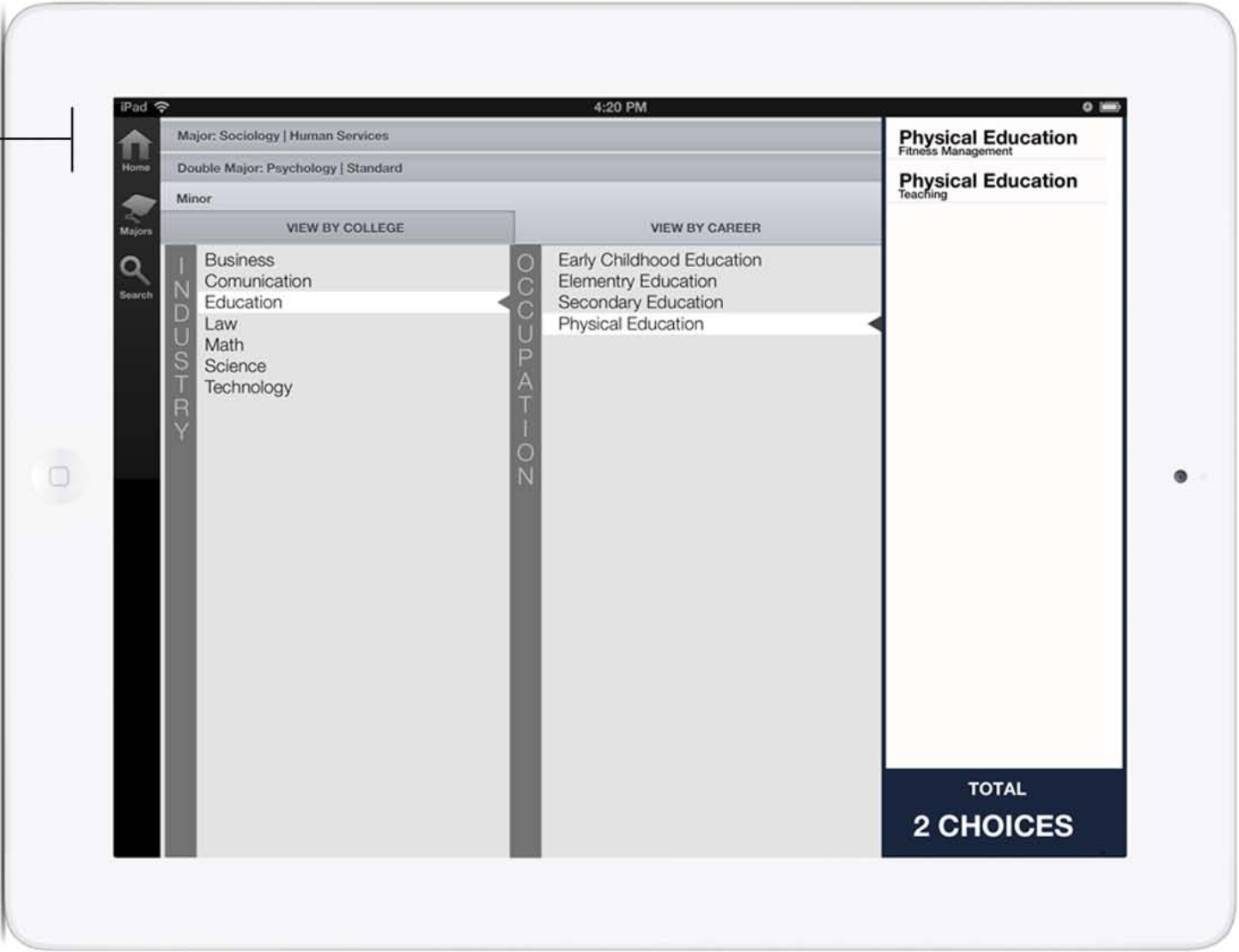
ADD DOUBLE MAJOR BY COLLEGE

CHOICES FOR MAJOR,
DOUBLE MAJOR OR MINOR
ARE SHOWN
IN THE TITLE BAR

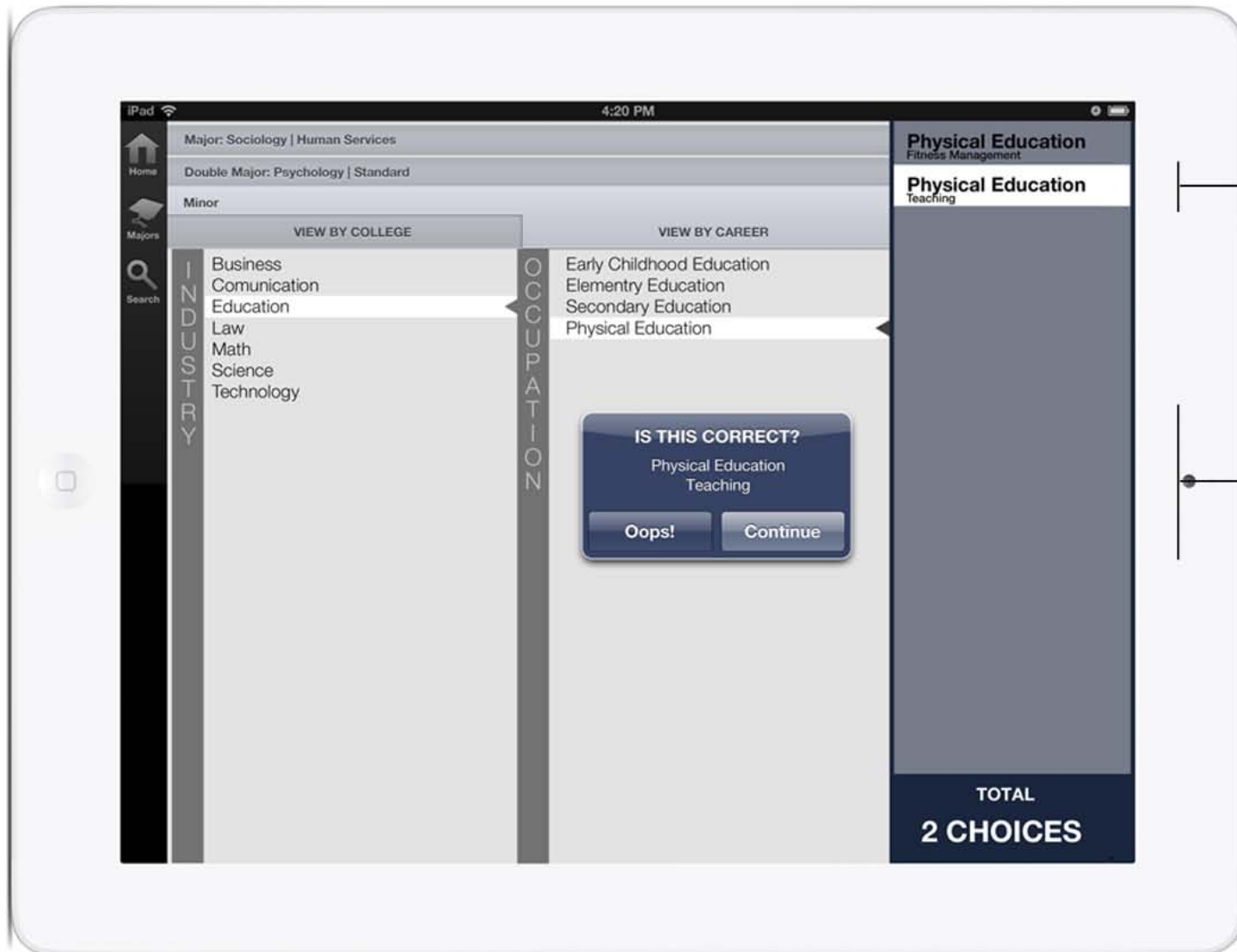


ADD MINOR BY CAREER

CHOICES FOR MAJOR,
DOUBLE MAJOR OR MINOR
ARE SHOWN IN THE
TITLE BAR



CONFIRMATION



DESCRIPTIONS

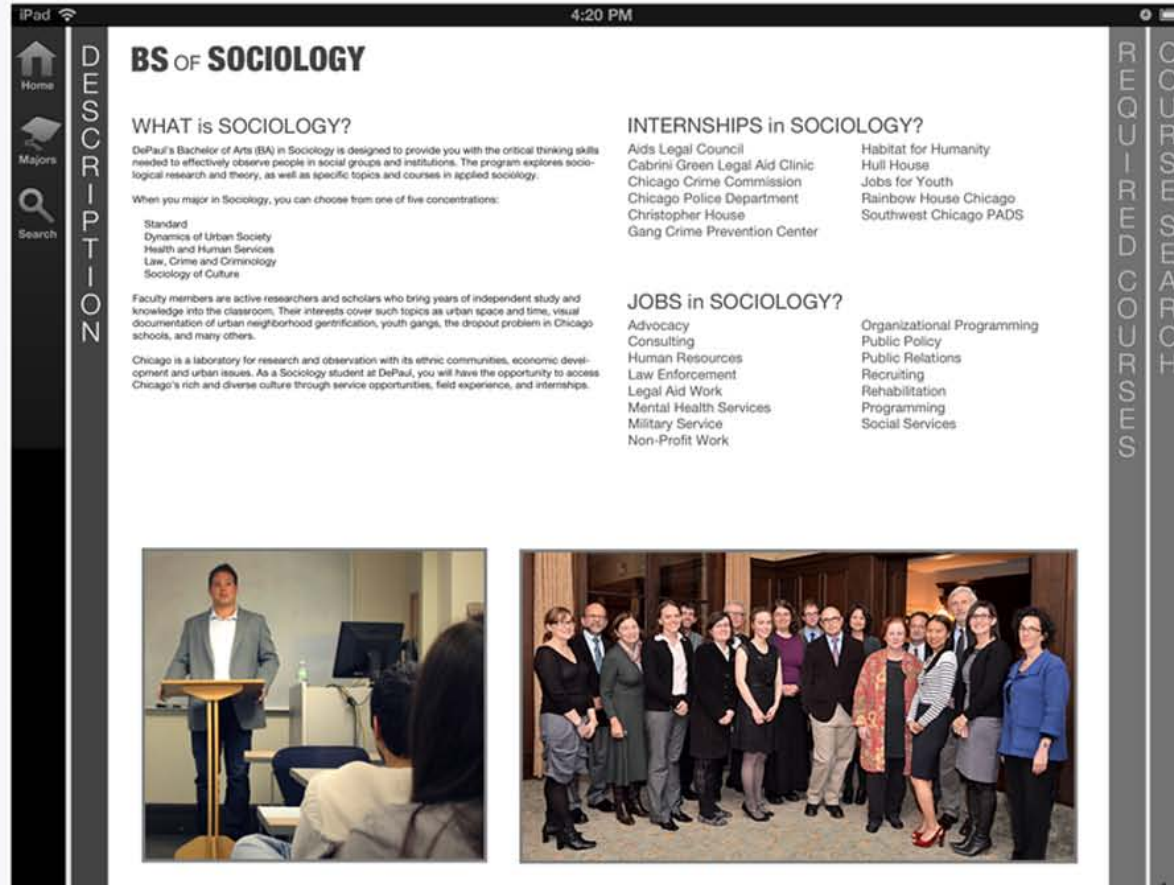
NAME OF MAJOR

DESCRIPTION OF MAJOR

POTENTIAL JOBS IN FIELD

POTENTIAL
INTERNSHIPS IN THE
FIELD

THE INACTIVE WINDOW
AND OPTIONS ARE
DIMMED. TO ACCESS A
OPTION IS DONE BY
TAPPING ON THE DESIRED
OPTION OR TAPPING AND
SLIDING LEFT. TO CLOSE
THE ACTIVE OPTION TAP
OR TAP AND SLIDE RIGHT
ON THE NAVIGATION
OPTION

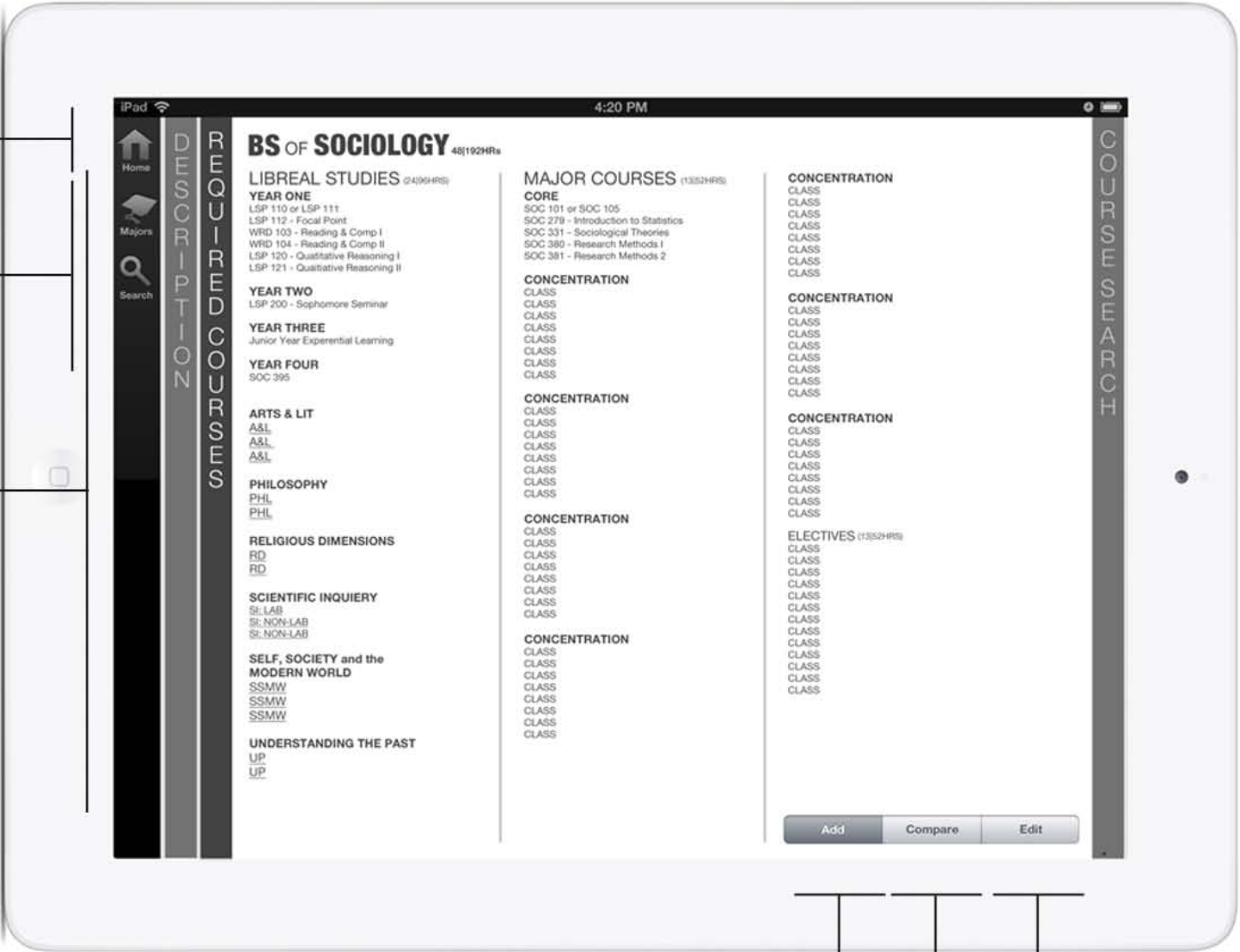


DEGREE WORKSHEET

LIST NAME OF DEGREE
INCLUDES TOTAL HOURS
NEEDED TO COMPLETE
DEGREE

LIST OF COLLEGES AT
DEPAUL

TAPPING ON A COURSE
ENTERS A FILTER SORTING
ALL POSSIBLE COURSES
WHICH SATISFY THE
DEGREE REQUIREMENT.



EDIT CURRENT DEGREE

COMPARE TWO DEGREES

ADD A DOUBLE MAJOR OR MINOR

DOUBLE MAJOR DEGREE WORKSHEET

ADDITIONAL MAJOR OR
MINOR REFLECTED
IN THE TITLE OF
THE DEGREE

WORKSHEET AMENDS TO
INCLUDE ADDITIONAL
MAJOR AND/OR MINOR

Home

Majors

Search

REQUIRED COURSES

LIBERAL STUDIES (24)(96HRS)

YEAR ONE

LSP 110 or LSP 111

LSP 112 - Focal Point

WRD 103 - Reading & Comp I

WRD 104 - Reading & Comp II

LSP 120 - Qualitative Reasoning I

LSP 121 - Qualitative Reasoning II

YEAR TWO

LSP 200 - Sophomore Seminar

YEAR THREE

Junior Year Experiential Learning

YEAR FOUR

SOC 395

ARTS & LIT

A&L

A&L

A&L

PHILOSOPHY

PHIL

PHIL

RELIGIOUS DIMENSIONS

RD

RD

SCIENTIFIC INQUIRY

SI: LAB

SI: NON-LAB

SI: NON-LAB

SELF, SOCIETY and the MODERN WORLD

SSMW

SSMW

SSMW

UNDERSTANDING THE PAST

UP

UP

BS OF SOCIOLOGY • DM BS OF PSYCHOLOGY 40(192HRS)

MAJOR COURSES (135)(24HRS)

CORE

SOC 101 or SOC 105

SOC 279 - Introduction to Statistics

SOC 331 - Sociological Theories

SOC 380 - Research Methods I

SOC 381 - Research Methods 2

CONCENTRATION

CLASS

CLASS

CLASS

CLASS

CLASS

CLASS

DBL MAJOR COURSES (135)(24HRS)

CORE

PSY 105 - Introduction Psychology I

PSY 106 - Introduction Psychology II

PSY 240 - Statistics I

PSY 241 - Research Methods I

PSY 242 - Research Methods II

CONCENTRATION

CLASS

CLASS

CLASS

CLASS

CLASS

CLASS

CONCENTRATION

CLASS

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CLASS

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CLASS

ELECTIVES (6)(24HRS)

Add

Compare

Edit

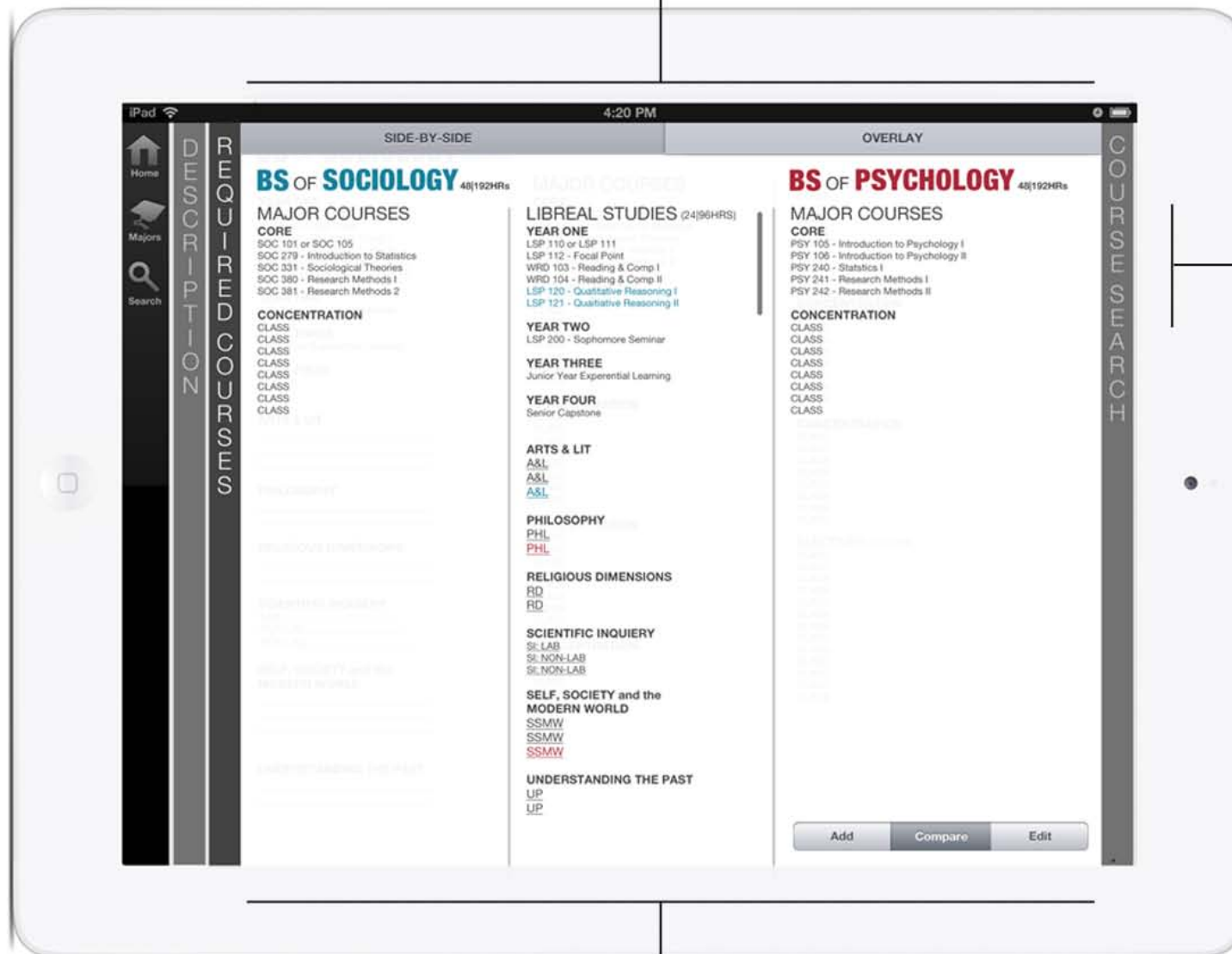
COURSE SEARCH

[illegible]

LIST OF COURSES WHICH
SATISFY A SELECTED
REQUIREMENT

COMPARE OVERLAY

COURSES FOR A SPECIFIC MAJOR
ARE COLOR CODED. SHARED COURSES
ARE COLORED BLACK

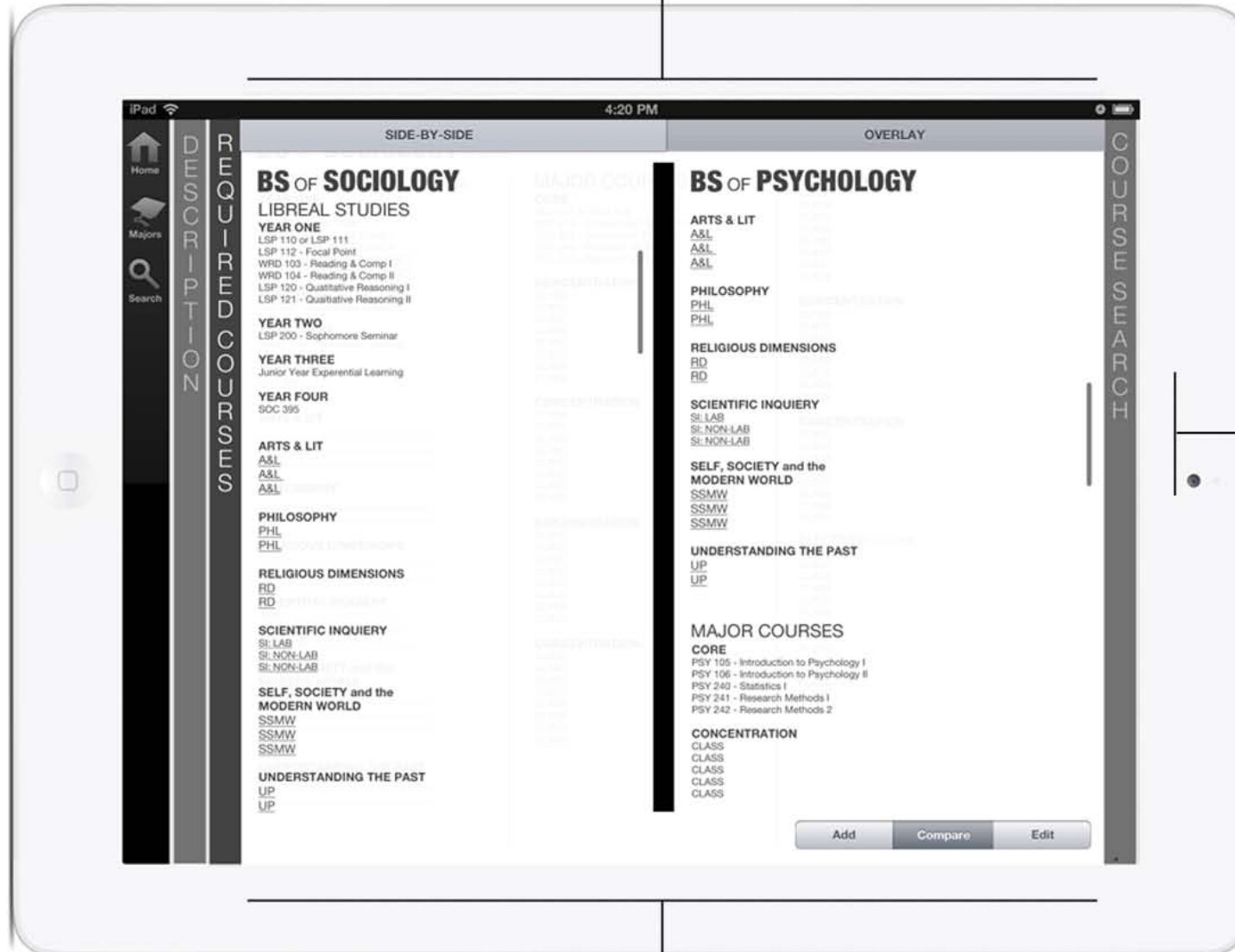


SCROLL BARS TO ACCESS
AND INDICATE ADDITIONAL
INFORMATION IS
UNVIEWABLE

EACH MAJOR IS SHOWN INDIVIDUALLY WITH
THE MAJOR COURSES ASSOCIATED WITH
EACH DEGREE.

COMPARE SIDE-BY-SIDE

COMPARE IN TWO WAYS:
SIDE-BY-SIDE OR OVERLAY



SCROLL BARS TO ACCESS
AND INDICATE ADDITIONAL
INFORMATION IS
UNVIEWABLE

TWO DEGREES ARE SHOWN SIDE-BY-SIDE