

# Psychology & Neuroscience Major Manual

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# Undergraduate Studies

## The Department of Psychology

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### *psych*

Welcome to the *Psychology and Neuroscience Major Manual* for undergraduates at the University of Miami (UM). The purpose of this manual is to answer important questions, outline general requirements and policies, and introduce you to available resources and opportunities.

Although useful, this manual does not contain all of the information you will need throughout your undergraduate years. The Undergraduate Bulletin, which is also called the Catalog on your Degree Progress Report (DPR), is another important resource and is available online at [www.miami.edu/bulletin](http://www.miami.edu/bulletin). Choose the bulletin that corresponds to your year of matriculation. To determine your bulletin year, consider the year you entered UM. For example, if your first semester at UM was Fall 2013, you entered UM during the 2013-2014 academic year. Therefore, your bulletin is 2013-2014. Your bulletin year is also printed at the top of p. 1 of your DPR underneath “Catalog” next to your “Programs” and is abbreviated by listing your first semester of matriculation.

## The Department of Psychology

The Department of Psychology is among the 20 departments within the College of Arts and Sciences (CAS), which is one of 12 colleges and schools that make-up UM. CAS is the academic hub of the University and it encompasses most of the disciplines associated with a liberal arts education, such as mathematics, natural sciences, humanities, and social sciences.

## Undergraduate Academic Services for Psychology (UASP)

Neither this manual nor the Bulletin can substitute for the thorough and confidential advising you can receive from the advisors at the office of Undergraduate Academic Services for Psychology (UASP), located in Flipse 508. UASP is open year-round and appointments are not usually needed except during the period just before registration (i.e., academic advising for registration). You are strongly encouraged to stop by the UASP office at least once each semester.

### The UASP Mission Statement

The UASP mission is to support the scholarly community of faculty and students engaged in the study of the psychological and behavioral sciences in order to set the foundation for and facilitate undergraduate

academic success, membership in the scholarly community, and personal development. Inherent in this mission is:

1. to transmit information that will enable students to do thoughtful, proactive curriculum planning and understand the purpose of and make the most of their undergraduate liberal arts education at this research university;
2. to facilitate a synergistic system of relationships that includes faculty and students at all levels in the Department;
3. to assist in the development of critical thinking and other skills that will prepare undergraduate students for graduate study, careers, life-long learning, and civic responsibility;
4. and to maintain a supportive environment that encourages and empowers students to pursue educational, personal, and career development.

The Director of Undergraduate Academic Services works closely with the Academic Advisors to provide you with the highest-quality advising services. A group of highly-trained undergraduate Peer Advising Liaisons (PALs) are also available to help you with your questions and concerns. You are welcome to stop by any time between 9:00 a.m. and 4:30 p.m., Monday through Friday, or call us at (305) 284-3303. You can also e-mail us at [uasp@miami.edu](mailto:uasp@miami.edu).

## Psychology

### The Psychology Major

Psychology is the study of how individuals think, behave, feel, and relate to others. Because of its broad nature, coursework in psychology is useful not only if you are planning to pursue a career within the discipline, but also if you are planning to move into a wide variety of people-oriented professions such as medicine, law, and/or business. You can find work in government, communications, human resource management, public relations, marketing, substance abuse counseling, research, and social services. The study of psychology will provide you with knowledge of human behavior as well as the analytical, writing, verbal, critical thinking, and organizational skills that many employers seek.

As a psychology major enrolled in CAS, you may pursue a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree by completing the requirements established by the College. Details about the B.A. and B.S. degrees are summarized in **Appendices A** and **B**, respectively. For a discussion on the differences between the B.A. and B.S., see **Section 2**. To earn a B.A. or a B.S. degree, you must have a least one major and one minor (see **Appendices E1**, **E2**, and **E3** for options). If you are already enrolled in the University, you must have a cumulative and a psychology grade point average (GPA) of 2.8 to declare a psychology major. Because of the psychology graduation GPA requirement, you are strongly advised not to continue with the psychology major if you do not have a 2.5 GPA after 15 credits in psychology. If you are enrolled in a college or school at UM other than CAS you may pursue a psychology second major; however, you must fulfill the specific degree requirements of that college or school. For information about options for psychology second majors in other colleges and schools, see **Section 2**.

### Faculty

The Department of Psychology has roughly 40 faculty members representing diverse areas of expertise (e.g., clinical, developmental, health, social, and quantitative). Most of our faculty teach and work with both undergraduate and graduate students. They are involved in research and training projects at the Coral Gables and Medical Campuses, as well as in the community. For more detailed information about each faculty member, visit his or her individual web site at [www.psy.miami.edu/people](http://www.psy.miami.edu/people).

### Undergraduate Students

The Department of Psychology has approximately 800 psychology majors. The majority of psychology majors are enrolled in CAS but it is a popular second major for students in the School of Communication and the School of Education. With help from the advisors in UASP you can tailor your program to suit your individual interests, needs, and career plans. You will be required to participate in mandatory

orientation, advising, and mentoring programs if you enter the psychology major as a new freshman (see **Section 2**). You will also have the opportunity to work on cutting-edge research with faculty members and their graduate students (see **Section 5**).

## Neuroscience

### The Neuroscience Major

Neuroscience is the study of the nervous system, how it functions, and how it produces behavior. The Departments of Psychology and Biology, together with the Miller School of Medicine and the Rosenstiel School of Marine and Atmospheric Sciences, offer an undergraduate interdisciplinary major in neuroscience. The neuroscience major is useful if you are interested in career paths in such fields as biology, psychology, neuroscience, medicine, and other health related areas. The study of neuroscience provides the analytical, writing, verbal, critical thinking, and organizational skills used in many professions. Neuroscience is an especially useful major if you plan to pursue graduate study or a research career in fields such as biology, behavioral ecology, behavioral medicine, ethology, neurobiology, neuroscience, psychology, or psychobiology. Because of its broad nature, it is also suitable if you plan to move into such professions as law, medicine, or other health-related fields. The neuroscience curriculum at UM meets the admissions requirements for most medical schools. As a neuroscience major, you have the freedom to choose some of your neuroscience courses and tailor them towards cellular and molecular neuroscience and/or behavioral and cognitive neuroscience.

The neuroscience major is a rigorous program and it may be for you if you have an interest in math and the sciences, and you wish to be challenged and exposed to some of the best scientific training available at UM. The broad-based curriculum will provide you with preparation in basic sciences and practical experience in research.

Because of the heavy concentration in math and science courses and the structured nature of the neuroscience program, admittance to the major is restricted. An SAT score of 1360, an ACT score of 30, or a GPA of 3.5 after having completed 24 credits at UM—this must include at least 7 credits in the biology or chemistry courses required for the NEUR major—is necessary to declare a neuroscience major. A waitlist exists for the neuroscience major due to space limitations. As a result, even students who meet the minimum requirements may have to wait for an open space to declare the major. All neuroscience majors pursue a B.S. degree from the CAS and must comply with the requirements set forth by the College (see **Appendix C**). Neuroscience majors must complete a minor in Biochemistry, Chemistry, Computer Science, Engineering, Geological Sciences, Marine Science, Mathematics, Microbiology and Immunology, or Physics but students will automatically complete a minor in Chemistry as part of the requirements for the major (as long as they take organic chemistry, and its accompanying labs at the University of Miami). Because the neuroscience major is an interdisciplinary major between the Departments of Psychology and Biology, students may not double major or minor in these disciplines.

### Faculty

Nearly 70 faculty members participate in the neuroscience program. A number of them teach courses in both the undergraduate and graduate divisions. Faculty are involved in research and training projects at the Coral Gables, Rosenstiel, and Medical Campuses. A listing of faculty and access to their individual web pages can be found at <http://biomed.miami.edu/default.asp?p=216>, and the undergraduate neuroscience website is accessible at <http://biomed.miami.edu/?p=426&s=122>. You can access individual faculty web pages for the psychology faculty at [www.psy.miami.edu/people](http://www.psy.miami.edu/people) and for the biology faculty at [www.bio.miami.edu/facultydirectory.html](http://www.bio.miami.edu/facultydirectory.html).

## Undergraduate Students

There are approximately 250 students currently enrolled in the neuroscience major. You can tailor your program to suit your individual interests, needs, and career plans. If you enter UM as new freshman with a neuroscience major you may be required to enroll in mandatory orientation, advising, and mentoring programs (see **Section 2**). You will also have the opportunity to work on cutting-edge research with faculty members and their graduate students (see **Section 5**).

## Nu Rho Psi Honor Society

Getting involved with Nu Rho Psi is a great way to find out about neuroscience in general and about neuroscience research at UM. All neuroscience, biology, psychology, and other interested students are encouraged to attend meetings and events. Interacting with other students will help you establish a network of resources and friendships. The advisor for the Honor Society is the Director of the Undergraduate Neuroscience Program, Helen Bramlett, Ph.D.

## Peer Advising Liaisons (PALs)

PALs serve as the Department's liaisons between the undergraduate community and the Department administration, faculty, and staff; however, only advisors can sign forms for registration, transfer courses, etc. PALs are not advisors and do not advise students.

PAL positions are available every year. Applications are generally available in mid-February and the hiring process usually begins at that time. PALs are expected to work a minimum of 7 hours per week in the advising office and assist with various UASP events. This is a paid position but students sometimes volunteer their time to assist with various activities. PALs should be outgoing, organized, meticulous, responsible, trustworthy, and able to have lots of fun! If you are interested in becoming a PAL, stop by UASP to speak with an advisor or a current PAL for more information.

## Graduate Students

Many graduate students work closely with undergraduate students as teaching assistants and assistants to research mentors. Some also teach undergraduate classes as part of their requirements for the Ph.D. For information about individual graduate students visit our website at [www.psy.miami.edu/graduate](http://www.psy.miami.edu/graduate).

## Alumni

Many of our undergraduate alumni have gained admission to prestigious graduate, law, medical, and business schools. Some have found work in the government, social services, business, teaching, media, non-profit organizations, and research laboratories. Others have put their education to use to become active members of their communities or to start their own families! For a glimpse of the post-baccalaureate activities of some of our students, see the undergraduate newsletter, *psych*, available in the UASP office (Flipse 508) or on our website at [www.psy.miami.edu/undergraduate](http://www.psy.miami.edu/undergraduate). There is also a summary of the post-baccalaureate activities of our graduates on our website at [www.psy.miami.edu/undergraduate/programs/under\\_active.phtml](http://www.psy.miami.edu/undergraduate/programs/under_active.phtml).

## Classes

Most undergraduate classes are taught by full-time faculty members. Some sections are taught by advanced graduate students, post-doctoral fellows, or psychologists from the community. Class sizes range from large (approximately 250 as in some introductory classes) to small (as few as 7 for some upper division classes). In order to provide individualized attention, class sizes are limited to 34 or fewer students for all laboratory, writing, and statistics sections.

## Research

The University of Miami is an excellent place to work with faculty on a variety of research projects. Research is a valuable part of the undergraduate experience, especially if you are considering a career in psychology or related fields (see **Section 5**). There are four ways to get involved with research as an undergraduate. You may volunteer, participate in research for course credit, participate in a summer research program, or sometimes it is possible to find a paid research assistant position. If you are in good academic standing you may have the opportunity to work on cutting-edge research with faculty members and their graduate students. To be invited to explore research opportunities for credit, you must maintain a minimum 2.8 GPA.

### ***psych***

The UASP office publishes five editions of the undergraduate newsletter, *psych*, each academic year. Each edition includes advising information, recent events, research opportunities, summer programs, study abroad options, student and alumni updates, and more. Keep an eye out for the *psych* in the fall, spring, and May.

Do you have any interesting news? Did you do something exciting over the summer or while studying abroad? Are you starting a new student organization that would benefit your fellow psychology or neuroscience majors? If so, let us know and we will try to include it in the next edition of *psych*. Email your news and updates to Nicole Lavina at **[nlavina@miami.edu](mailto:nlavina@miami.edu)**.





## The Undergraduate Program

### Psychology as a First Major in the College of Arts and Sciences

**Bachelor of Science vs. Bachelor of Arts**  
**Freshmen Students and FACT FORUM**  
**Transfer Students and TUMS**

### Psychology as a Second Major

**Second Majors Enrolled in the College of Arts and Sciences**  
**Second Majors Enrolled in Another College/School**

### Psychology as a First Major in the College of Arts and Sciences

If you are in CAS and you are pursuing a psychology major, you may earn a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. You may also earn a double major in psychology if you are enrolled in a college or school other than CAS. Unlike psychology majors, who may be enrolled in other colleges and schools, if you are a neuroscience major you must be enrolled in CAS and pursue a B.S. degree. CAS required areas of study are summarized in **Appendix A** for the B.A., **Appendix B** for the B.S., and **Appendix C** for the B.S. (neuroscience major).

#### **Bachelor of Science vs. Bachelor of Arts**

The B.S. is designed for students who are particularly interested in careers in areas such as biology, medicine, neuroscience, and psychology. The B.S. stresses math, science, and research methodology courses. If you are considering a B.S. degree, you should evaluate how well you perform in math and science because a minor in math or science is required. If math and science are not your strengths, this may not be the right degree for you.

The B.A., while somewhat less focused on math and science than the B.S., will also provide you with a liberal arts education that can be used as a foundation for graduate school in psychology, law school, or medical school. The curriculum for the major is structured to offer you maximum flexibility and to accommodate your individual interests and needs. The B.A. is also a common route if you wish to pursue a career in areas such as education, social services, and business. If you choose to earn a B.A., you must choose a minor from any discipline in CAS, the College of Engineering, or the Schools of Architecture, Business Administration, Communication, Education, or Music (see **Appendices E1, E2, and E3**).

The B.A. and B.S. degrees are equally valuable, and career and graduate options are not limited by choosing one degree over another. Research opportunities are available to all B.S. and B.A. students with a minimum 2.8 GPA, and can be a valuable augmentation to the undergraduate curriculum (see **Section 5**). Special tracks are also available to students aspiring to graduate school in psychology, graduate school in neuroscience, medical school, and law school (see **Section 3**). Careful planning with a UASP advisor can help.

If you switch to the psychology or neuroscience major after your first semester at UM, you may be required to participate in an advising seminar prior to declaring the major.

#### **Freshmen Students and FACT FORUM**

If you enter UM as a freshman with a declared psychology or neuroscience major you will be required to participate in a year-long orientation, advising, and mentoring program known as FACT FORUM. This two-semester sequence is **mandatory** and is designed to ease the transition to college life, give you the information you will need to maximize your undergraduate experience, and foster community building and networking.

FACT stands for **F**reshmen **A**dvising **C**ontact **T**erm. Each week during the fall semester, you will meet for one hour in groups of approximately 15-20 with the Director of Undergraduate Services, an Academic

Advisor, and a PAL. In addition to learning about policies, procedures, resources, and opportunities, you will begin to understand the goals of the liberal arts major and the rationale underlying the psychology and neuroscience curricula. A student-centered approach to advising is used to help you design the specifics of your curriculum and plan accordingly to achieve your short-term and long-term goals. FACT is listed as PSY 106 and is worth one elective credit.

FORUM stands for **F**aculty **O**verview of **R**esearch and **U**ndergraduate **M**entoring and is held during the spring semester. Faculty members serve as mentors to you and a small group of freshmen who gather weekly to discuss readings, as well as research in the various fields of psychology and neuroscience. This one credit course is listed as PSY 190 for psychology majors and NEU 190 for neuroscience majors.

### **Transfer Students and TUMS**

If you are a new transfer student and you are a declared psychology or neuroscience major, you have the option to register for a special workshop seminar, TUMS, created to ease your transition to UM in general, and to psychology and neuroscience specifically. TUMS stands for **T**ransfer to **U**M (with an “**S**” added for effect since transferring can be stressful). These workshops follow the basic philosophy underlying our unique freshman orientation, advising, and mentoring program, FACT FORUM, but emphasize the unique issues you face as a transfer student. The one credit TUMS class is held once a week and is listed as PSY 206.

You should be in contact with the Office of Admission, CAS Transfer Advisor, and UASP well before beginning your coursework if you are a new transfer student. The Office of Admission evaluates all credits for transfer to UM and lists transfer credit information in CaneLink. They may also issue a *Transfer/Advanced Credit Evaluation* (TCE) if you bring in transfer work (see **Appendix I1**). Any course listed on your DPR and/or in under the “Transfer Credit” tab of your CaneLink Student Center as 100T (e.g., PSY 100T) must be evaluated by the corresponding department in order to have it apply to your major, minor, or required Areas of Study. A course listed with a department and a number (e.g., PSY 110) has already been evaluated and needs no further approval.

All psychology courses [other than equivalents of Introduction to Psychology (PSY 110)] taken at other institutions prior to matriculation to UM must be evaluated by the UASP office. This evaluation must be completed during the first semester in residence. See **Appendix I2** for information on how to complete a transfer equivalency. Completing this process as soon as possible facilitates appropriate course selection.

## **Psychology as a Second Major**

Psychology is a popular second major for students in the CAS, as well as other colleges/schools; you cannot earn a second major in neuroscience. When you double major in another discipline, you earn only one degree from your primary college or school (e.g., the School of Communication) with two majors, not two degrees. We recommend you see an advisor in UASP at least once a semester if you are a double major in psychology.

### **Second Majors Enrolled in the College of Arts and Sciences**

You must follow the major requirements commensurate with the degree of your primary major. For example, if you are pursuing a B.S. degree with a primary major in chemistry and a second major in psychology, you will need to fulfill the B.S. psychology major requirements. Similarly, if you are pursuing a B.A. degree with an English major and a second major in psychology, you will need to fulfill the B.A. psychology major requirements.

### **Second Majors Enrolled in Another College/School**

Requirements for psychology as a second major are dependent upon your college/school (see **Appendix D**). You will earn the degree designated by the college or school of your primary major. Students enrolled in the College of Engineering, School of Nursing, or the Rosenstiel School of Marine and Atmospheric

Science must follow the B.S. requirements for the psychology major, students enrolled in all other colleges and schools should follow the B.A. major requirements.

A second major in psychology can provide you with a better understanding of different patterns of behavior and interpersonal communication that can be useful if you are in the School of Communication. A major in psychology provides knowledge of human behavior and cognition that can help you understand relationships in the workplace, and it can be valuable if you choose to work in the media or a related field. Psychology also provides a solid background in the scientific method that can help you distinguish between fact and fiction, interpret advertising claims, and analyze effective campaigns.

As a second major from the School of Education you may find that a major in psychology will expand your knowledge in a wide variety of areas directly related to the field of education. From emotional growth to changes in the brain structure during development, psychology can help you understand educational practice. You, as a future educator, can also build a strong foundation for understanding how developmental processes sometimes go awry, and what assessments and treatments are available.



# Advising

## Academic Advising

### General Information

- Degree Progress Report (DPR) vs. Transcript Bulletin
- How to determine your class (i.e., year in school)
- Course Syllabi
- Senior Assessment

### Special Tracks and Programs

- Pre-health (i.e., Medical, Veterinary, Dental, Optometry, Podiatry, and Chiropractics)
- Pre-law
- Program for Integrated Science and Math (PRISM)
- Study Abroad

### Policies and Procedures

- Academic Alerts
- Academic Warning
- Academic Probation
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- Advanced Placement (AP), International Baccalaureate (IB), and Dual Enrollment (DE) credit
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- Adding or Dropping Courses to an Existing Schedule
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- Employment
- Graduate Record Exam (GRE)
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  - Subject GRE
- Graduation
  - Graduation Requirements
  - Senior Credit Check
  - Commencement

## Academic Advising

Although you are ultimately responsible for your own curricular choices, the advisors in UASP are here to help. We hope to establish an advising alliance to help you make your undergraduate plans.

## General Information

### Degree Progress Report (DPR) vs. Transcript

The most accurate report of progress toward graduation is the Degree Progress Report (DPR). This document is a summary of requirements and is crucial to the advising process. You can look at or print an up-to-date copy of your DPR from CaneLink. Log-on by entering your CaneID and password, then click on “Student Center” and then “Academic Requirements” in the small drop down menu on the left. Be sure to view the .pdf version for the most thorough information.

The DPR is not the same thing as the transcript. The transcript is the official recording of all grades but it does not include a listing of all remaining requirements. Official transcripts can be ordered from the Office of the Registrar or through CaneLink.

Learning to read the DPR is essential. Your name, CaneLink ID, school or college, degree, major(s), minor(s), cognate(s), and bulletin year is displayed at the top. The body summarizes the courses you have taken, courses in which you are currently enrolled, and your remaining requirements.

Although the DPR is an essential ingredient in the curriculum planning process, you will benefit from checking with an advisor, especially if there seem to be inconsistencies or questions. If you need instructions on how to read your DPR, stop by UASP.

### Bulletin

The Undergraduate Bulletin—which is also called the Catalog on your DPR—is another important resource and is available online at [www.miami.edu/bulletin](http://www.miami.edu/bulletin). Choose the Bulletin that corresponds to your year of matriculation. To determine your bulletin year, consider the year you entered UM. For example, if your first semester at UM was Fall 2013, you entered UM during the 2013-2014 academic year. Therefore, your Bulletin is 2013-2014. Your bulletin year is also printed at the top of your DPR and may be abbreviated by listing your first semester of matriculation.

### How to determine your class (i.e., year in school)

UM classifies you as a freshman, sophomore, junior, or senior based on your number of completed credits (this includes transfer credits but does not include credits that are still in progress). You are considered a freshman if you have 0 to 29 completed credits, a sophomore if you have 30 to 59 completed credits, a junior if you have 60 to 89 completed credits, and a senior if you have 90 or more completed credits.

### Course Syllabi

The UASP office keeps a collection of sample psychology syllabi in the lobby outside of UASP, Flipse 508, to help you explore a more detailed description of what a course entails. Brief course descriptions are available on CaneLink under “Search for Classes.”

### Senior Assessment

You may be required to participate in a senior assessment during your last semester in college. This assessment, which can last up to four hours, is mandated by the Southern Association of Colleges and Schools (SACS) and is a necessary part of accreditation. All assessment scores will only be used for departmental assessment. They will not affect your graduation status.

## Policies and Procedures

### Academic Alerts

About six weeks into each semester, instructors send academic alerts (i.e., midterm deficiencies) to students who are performing poorly. The purpose of an academic alert is to notify you of specific problems that may lower your grade in a course (e.g., excessive absences, lack of preparation, or low test scores).

Take this feedback seriously! Advising, tutoring, counseling, and other services are available to help you get back on track. If you receive an academic alert, be sure to stop by the UASP office and speak to an advisor.

### Academic Warning

You will receive an academic warning if you earn a semester GPA of 2.0 or below. If you receive an academic warning, be sure to see Leonard Clemons and take advantage of the support services UM has to offer. You should probably consider reducing your credit load for the following semester.

### Academic Probation

If your cumulative GPA falls below the following levels based on your number of completed credits, you will be placed on academic probation:

Completed Credits	Cumulative GPA
33 or fewer .....	1.7
33-64 .....	1.8
65-96 .....	1.9
96 or more .....	2.0

As a first semester freshman, you can only be placed on probation if your semester GPA falls below a 1.3. Once on academic probation, you will be limited to a maximum of 13 credits per semester until you raise your GPA. Keep in mind that you must earn at least a 2.0 GPA to graduate from UM.

### Academic Dismissal

If you are on probation for two consecutive semesters or you are on probation for one semester and you have a cumulative GPA less than 1.0, you may be dismissed from UM. In this case, the Academic Standing Committee will evaluate if you should be dismissed. If you are not dismissed, then you will remain on academic probation. If you are dismissed, you may not reapply to UM for one year.

Academic probation and dismissal are under the purview of the Assistant Dean of the College of Arts and Sciences. You can contact the office at 305-284-4333.

### Advanced Placement (AP), International Baccalaureate (IB), and Dual Enrollment (DE) credit

To have advanced placement (AP) or international baccalaureate (IB) courses evaluated for credit at UM, you must submit an official Test Result Report to the Admission Evaluations Office in the Office of Admission at P.O. Box 249117, Coral Gables, FL 33124-9117. This report must be sent directly from College Board or your regional IB office. AP scores can be sent by calling (888) 308-0013 or visiting [www.collegeboard.org](http://www.collegeboard.org). To send IB scores, email [ibid@ibo.org](mailto:ibid@ibo.org) or visit [www.ibo.org/iba/transcripts/](http://www.ibo.org/iba/transcripts/). The University of Miami school code is 5815.

Dual enrollment (DE) courses must also be evaluated by the Admission Evaluation Office before you are awarded college credit. Students must earn a "C" or better in dual enrollment courses to apply them toward the degree. All dual enrollment transcripts should also be sent to the Admissions Evaluation Office. Contact the school where you completed courses for information on how to send transcripts.

Keep in mind that UM does not accept copies of AP, IB, or DE credit reports or transcripts. These must be submitted directly to the Admission Evaluation Office by the appropriate agency. If you have questions about your AP, IB, or DE courses, contact the Admissions Evaluation Office at (305) 284-4323.

### **Course Load**

To be considered a full-time student, you must enroll in a minimum of 12 credits during the fall and spring semesters. If you are enrolled in fewer than 12 credits, you will be considered a part-time student.

Freshmen may not register for more than 17 credits in their first semester or more than 18 credits in their second semester (if their 18<sup>th</sup> credit is FORUM). They may also not register for more than 7 credits in one summer session.

Upperclassmen are limited to 18 credits or less in the fall or spring, and 7 credits or less in a summer session. Registration for any more credits is considered a credit overload and requires a 3.0 cumulative GPA and permission of a UASP advisor.

### **Cognates**

Cognates are groups of “at least three courses for at least nine credits” centered on a specific topic or theme. Students must complete at least one cognate in each of the three primary Areas of Knowledge: Arts & Humanities, People & Society, and Science, Technology, Engineering, & Mathematics (STEM). There are, however, no limits on the number of cognates students can declare.

Majors and minors automatically fulfill the cognate requirement for its designated Area of Knowledge (see “Major Options” and “Minor Options” handouts in **Appendices E1, E2, and E3** for cognate designations), but courses taken to fulfill the Areas of Proficiency (including any prerequisites) cannot be used to fulfill the cognates. Courses can also be part of multiple cognates but cannot be used to fulfill the requirements of multiple cognates.

All cognates, majors, and minors taken to complete the Areas of Knowledge must have a different Responsible Academic Unit (RAU). Except for cognates, majors, or minors with RAUs in the College of Arts and Sciences, a maximum of two out of the three cognates, majors, and/or minors used to fulfill the Areas of Knowledge can have RAUs from the same colleges/schools. Once the Areas of Knowledge are complete, students may declare additional cognates from any RAU or college/school, including the RAUs and colleges/schools of their current cognates, majors, and minors, as long as the courses taken to complete each cognate, major, and minor follow the rules outlined above.

Cognates can change at any time so it is best to declare them once you know which cognates you would like to pursue. Be aware that cognates that are removed from the search engine can no longer be declared. To declare a cognate, go to the UASP office and complete a *Change of Program Form* with the UASP front office staff.

For an up-to-date list of cognates, visit <http://www.miami.edu/cognates/> or click on the Cognate Search Engine link in CaneLink.

### **Credit Only**

You have the option of taking a maximum of nine elective credits for credit only (maximum of one course in any one semester); courses that count toward the core, major, and minor requirements cannot be taken for credit only. In order to take a course for credit only, you must be at least a sophomore, and have a minimum 3.0 cumulative GPA. Transfer students must complete one semester in residence before taking a credit only course. You will receive a designation of “CR” (credit received) or “NC” (no credit) on your academic record if you choose to take a course for credit only. To receive credit, you must earn at least a “C” in the course but the grade will not show on your transcript or count in your GPA.



**English Placement**

There is no placement exam for English Composition. You will automatically be placed into an English course based on your SAT, ACT, AP, or IB scores, or previous English Composition experience from another school. If you earned an SAT writing score of 690 or above or an ACT of 32 or above, ENG 105 will be waived and you will be placed in ENG 106. It is important to be aware of your academic record (SAT scores, etc.) to ensure proper English waivers and placement.

**Foreign Language Placement**

There is no placement exam for the Foreign Languages. If you do not know what language course to enter, you may visit the language placement website at <http://www.as.miami.edu/ml/undergraduate/placement-guidelines/>. You may also want to speak with someone in the Department of Modern Languages and Literatures in Merrick 212 for an informal language placement interview. Feel free to contact this department at (305) 284-5585.

**Repeat Rule**

You have the option to retake up to two courses under the Repeat Rule if you receive a “D” (not a “D+”) or an “F” in a UM course. If you choose to invoke this rule, only the second grade will be used in the GPA calculation, even if it is worse than the first. For example, if you receive a “D” the first time you register for PHI 101 and receive an “F” the second time, the “F” will be used to calculate your GPA. Although the “D” will not count toward your total number of completed credits or be calculated into your GPA, it will appear on your academic record and may be used by other schools when calculating your GPA. Stop by the UASP office for a copy of the *Repeat Rule Form* if you plan to retake a course under this rule.

**Grades in the Major**

All courses must be passed with a “C-” or better in order to count toward the psychology or neuroscience major and to serve as a prerequisite for other courses. If you receive a “D” or “F” in a course for the major, you will be required to repeat the course or take another course. Courses in which a “D” is earned will count toward electives.

**Grade Point Average (GPA)**

You will be given a semester GPA and a UM only GPA. There are several steps involved when calculating your GPA. First, you must know your grades and the number of credits for each course. Second, you need to multiply the number that corresponds to the letter grade you received in each course (where an A+ = 4.0, A = 4.0, A- = 3.7, B+ = 3.3, B = 3.0, B- = 2.7, C+ = 2.3, C = 2.0, C- = 1.7, D+ = 1.3, D = 1.0, D- = .7, and an F = 0) to the number of credits for that course; this gives you the number of quality points for each course. Third, you must add these numbers, giving you the total number of quality points. Last, divide this number by the total number of credits you attempted, not completed, to determine your GPA. This process may be repeated to calculate your semester GPA, psychology GPA, or your science GPA.

### **Honor Code**

The UM Honor Code exists to help foster academic honesty among undergraduate students. According to the Undergraduate Bulletin, the code “provides standards that prohibit all forms of scholastic dishonesty, including cheating, plagiarism, collusion, and falsification or misrepresentation of experimental data. The Code covers all written and oral examinations, term papers, creative works, assigned computer related work, and any other academic work done at UM by an undergraduate student.” You may be required to sign a pledge acknowledging that you uphold the standards set forth by the Honor Code.

Remember, your education at UM is valuable. Do not diminish your degree or the degree of your fellow students by breaking the Honor Code. Students in violation of the Honor Code will be referred to the Honor Council.

### **Incompletes**

To be eligible for an incomplete, you must have completed at least 50% of the coursework, earned a passing grade, and provided a non-academic reason for failure to complete the entire course. It will then be up to the discretion of the instructor if he/she would be willing to assign you an “I” (i.e., incomplete). Incompletes cannot be granted if you are failing a course due to poor performance. If an incomplete is granted, you must complete all of your missing work with the same instructor within one calendar year. Students who fail to complete the assigned work within one year will earn an “IF” (incomplete fail) for the course, which is calculated as an “F” in the GPA.

If the instructor is not teaching when you want to finish the course, you will need to make arrangements with another professor to complete the missing work. Do not register for the course again. Do not repeat the entire course. You also do not have to complete any special forms/paperwork. All grades earned from in the class from the beginning will be calculated in the final grade.

When you complete the work, the original instructor will file a *Change of Grade Form* and submit it to the Chairperson. You will want to plan your subsequent schedule carefully to ensure that you can successfully complete this work in addition to your other courses. You should not register for subsequent courses that require the incomplete course as a prerequisite.

### **Math Placement**

When you come to UM, you will be placed in a math course based on your SAT, ACT, AP, or IB scores, or previous math experience. If you have not been notified of your MTH placement, see a UASP advisor. Should you disagree with your placement, you may take the online ALEKS math placement exam (<http://www.math.miami.edu/undr/placement/index.htm>) offered by the Math Department. Please contact the Department of Mathematics at (305) 284-2116 or visit them in Ungar 515 for more information.

### **Overrides**

Students cannot receive overrides for any full courses. Courses are set to accommodate a specific number of students for a reason and most are capped at the limit set by the fire code. If a course fills, UASP recommends you register for an alternative course and set-up a “swap” function in CaneLink to replace a less desirable course with a more desirable one should it become available. Please note that the “swap” is the best way to secure a seat in a full course; UASP does not recommend you add yourself directly to a waitlist without the “swap” function as you may encounter registration blocks and be passed over when the course becomes available.

### **Prerequisites**

A prerequisite is a course that must be completed or in progress before you register for another course. Prerequisites prepare you for material that is to be presented in advanced courses. You may register for any psychology course for which you have already met the prerequisite or if you are currently enrolled in the prerequisite (i.e., it will be completed before the beginning of the other class). You must have a C- or

better in all prerequisite courses. If you register for a course without the necessary prerequisite, you may be dropped at the discretion of the instructor, Department Chair Dr. Phil McCabe, or the UASP Director. A listing of course offerings and prerequisites for psychology, biology, and neuroscience courses can be found in the Academic Bulletin or in **Appendices G1, G2, G3, and G4**.

### **Residency Requirement**

To earn a degree from UM, you must adhere to UM's residency requirement. If you transferred from a four-year institution or took summer courses at a four-year institution, your last 45 credits must be completed in residence (i.e., at UM); however, if you transferred from a two-year institution or took summer courses at a two-year institution, your last 56 credits must be completed in residence.

In order to count toward the psychology major, psychology courses at the 300 level and above must be taken at UM. Exceptions will be made if you participate in a UM Study Abroad Program with written approval from the UASP office prior to leaving the country. Don't go first and then ask for approval later! A maximum of six upper-division credits taken abroad may be applied toward the major. Study abroad through UM does not violate the residency rule; however, you will be held to this rule if you wish to study abroad through another university so you should be sure to do this before your last three semesters (where you usually earn your last 45 credits). For more information about study abroad see **Section 6**.

### **Transfer Course Equivalencies**

Some transfer courses may need to be evaluated to count toward your UM requirements. All summer courses *must* be evaluated and pre-approved before you leave to take classes at another institution; these courses may not transfer to UM if you neglect to do so.

To have a course evaluated, you need to bring a copy of the course description from the institution where you took or plan to take the course to the respective department at UM (e.g., bring a psychology course description to the Department of Psychology). The department will then evaluate the course to see if it corresponds to one at UM and assign it a number if it is an equivalent. You and the department will then complete a *Course Equivalency Form* to keep a record of this process (see **Appendix I3**). This form, which can be obtained from UASP (Flipse 508) or CAS (Ashe 200), should be completed and returned to Ashe 200.

UASP handles all course equivalencies for psychology courses taken at other institutions. To have a course evaluated, you must bring the following to UASP:

- 1) **Course Equivalency Form** – These are available in the hallway outside of the UASP office or in the College of Arts and Sciences, Ashe 200.
- 2) **Course description** – The course description must be from the institution's course catalog or bulletin and include the name of the school, course number, and prerequisite(s). A **syllabus** will also be required to evaluate a statistics or research methods course.
- 3) **Unofficial transcript** – This is only necessary if the course has been completed. A report card will suffice if this is unavailable.
- 4) **Recent DPR**

### **Writing Requirement**

You are required to take at least four writing intensive courses beyond English Composition. University policy states that writing courses are those that involve a substantial amount of writing and directed revision. Generally, students who earn writing credits write roughly 4000 words (or roughly 20 pages) throughout a given course.

Writing courses are available in almost all disciplines. You will find that you may sometimes double count a general education course (e.g., a Arts and Humanities course) as a writing course. Some minors that may complete the writing requirement include English, history, or any of the modern languages.

You may transfer up to two writing courses to UM. See the information above on “Transfer Course Equivalencies” for more information on how to assign writing credit to a transfer course.

### **Special Tracks and Programs**

#### **Pre-health (i.e., Medical, Veterinary, Dental, Optometry, Podiatry, and Chiropractics)**

Pre-med is a track at UM, not a major. When you are on the pre-med track you are still required to complete a major and a minor, as well as the rest of your general education requirements.

The studies of psychology and neuroscience are based on empirical research that focuses on the scientific method and statistical analysis. A B.S. in psychology or neuroscience, or even a B.A. in psychology with a science minor, can provide you with a strong foundation for a medical career; however, the B.A. does not require calculus, which may be a requirement for some medical programs.

Admission to medical programs can be competitive and this track is designed to help you meet admission requirements. Coursework in the pre-health tracks include biology, chemistry, biochemistry, physics, and calculus courses. These courses result in an automatic chemistry minor if you take organic chemistry at UM. You may benefit from taking Introduction to Psychobiology (PSY 220), Psychology of Drugs and Behavior (PSY 320), Abnormal Psychology (PSY 240), Psychobiology (PSY 425), and/or Health Psychology (PSY 426) if you decide to follow a pre-health track.

If you plan to apply to medical school, be sure to allow time for MCAT (Medical College Admissions Test) preparation; similar standardized tests may be required for other medical programs. The MCAT is usually taken in the spring or summer before your senior year. You should have, at a minimum, general biology (BIL 150/160), physics (PHY 101/102), organic chemistry (CHM 201/202), biochemistry (BMB 401), and psychology (PSY 110) completed before you take the exam. Be sure to look over your long-term graduation plan to ensure you will complete all of these necessary courses before you take the MCAT. Feel free to see a UASP advisor if you have questions about your graduation plan.

If you are interested in the pre-health tracks, contact the Pre-medical and Pre-health Advisor, Dr. Michael Gaines, in his office at Ungar 103, or by phone at (305) 284-5176. You must open a file with him and you may want to obtain a *Pre-med Handbook*.

### **Pre-law**

Pre-law is a track at UM, not a major. You must still complete a major, a minor, and your general education requirements if you are on the pre-law track.

Psychology majors working toward a career in law may find knowledge of the scientific method and psychological principles beneficial. While there are no specific requirements for pre-law, psychology majors interested in the pre-law track generally follow B.A. requirements. Coursework in this track could include Social Psychology (PSY 210), Personality Psychology (PSY 260), Tests and Measurements (PSY 391), Abnormal Psychology (PSY 240), Personality Theory (PSY 360), and/or Emotion (PSY 311). These courses will help you prepare for the Law School Admissions Test (LSAT).

If you are interested in the pre-law track, you should contact the Pre-law Advisor, Ashe 200, (305) 284-4333, for specific information.

### **Program for Integrated Science and Math (PRISM)**

The Program for Integrated Science and Math (PRISM) was developed to provide students with a strong foundation in science and mathematics, and prepare them for a research career. PRISM reduces the competitive atmosphere often found in science courses so students feel free to ask questions and work together with their peers. This learning community combines an intense academic experience with a strong social network, allowing students to explore their academic interests, research opportunities, and career plans.

All PRISM students enroll in the same science and math courses during their freshmen and sophomore years, which allows them to build relationships and provide academic support for one another. Even if they received AP credit, all PRISM students are required to complete two semesters of inorganic chemistry (i.e., CHM 111/113 and CHM 112/114) and general biology (i.e., BIL 150/152 and BIL 160/162) at UM during their first year. Students must also complete two semesters of calculus (i.e., MTH 171 and MTH 172) but they may use their AP credit to exempt themselves from the requirement if they choose to do so. As sophomores, PRISM students must complete one semester of computer science (i.e., CSC 210), two semesters of organic chemistry (i.e., CHM 201/205 and CHM 202/206), two semesters of physics (i.e., PHY 201/106 and PHY 202/108), and one 200 level BIL class. In-class experiences are also enhanced in labs, tours, field trips, and other special events provided for PRISM students.

To qualify for PRISM, you must have a record of high school academic success, a math placement in calculus, and a major in a natural science. You must also have a minimum SAT math score of 720, SAT math level II subject score of 620, or an ACT math score of 31. If you have questions about the PRISM program, contact the PRISM Director, Dr. James Wilson at [jnwilson@miami.edu](mailto:jnwilson@miami.edu).

### **Study Abroad**

If you are considering studying abroad it is important to begin planning early, at least one year before you want to go. Meet with an advisor in UASP to plan courses accordingly for your study abroad experience. Students interested in study abroad should also visit the Study Abroad Office to meet with a study abroad advisor. For more information about study abroad, see **Section 6**.

### **Short-term Planning**

Planning a curriculum involves thinking about the short term *and* the long term. Short-term planning involves selecting courses for the next semester according to time, prerequisites, work schedule, etc. Grids to help you with course planning are available in **Appendices N1, N2, N3, and N4**.

In making short-term plans, it will be necessary to consider the semesters courses are offered. All courses taught during a given semester are published in the Bulletin and the course offerings link of CaneLink. Only CaneLink shows updated information on enrollment (i.e., whether a class is still open). Another essential ingredient to short-term planning is the Academic Calendar that lists important dates, including the last day to

add a class, the last day to drop a class without a withdrawal notification on the transcript, and the last day to withdraw from classes all together.

When planning for the short-term, consider your personal needs, strengths, and weaknesses. Important questions to ask include:

- “Can I get up in time for a morning class?”
- “Can I plan my work schedule around required courses?”
- “Am I strong enough in math and science to take several of these classes in one semester?”
- “Can I handle several writing courses in the same semester?”
- “Have I completed the prerequisites necessary for the courses I want to take?”
- “If 15 credits is the average load, can I handle more or should I cut back to the minimum of 12 credits required to be a full-time student?”
- “Does my athletic schedule work with this schedule?”
- “Have I planned time for studying?”
- “Have I scheduled breaks to maintain a healthy eating, exercising, and socializing schedule?”
- “Would I rather have my classes back-to-back or schedule breaks to ensure that I get to class on time?”

### **Advising For Registration**

Remember, fulfilling your requirements for graduation is ultimately your responsibility. We strongly encourage you to stop by UASP to review the courses and to verify your choices will allow you to graduate on time.

Official academic advising and course selection for registration begins approximately three weeks before registration. During these advising periods, you must schedule an advising appointment on GradesFirst for any time through the first week of registration. The advisors will only see students by appointment during these advising periods so be sure to schedule your appointment as soon as possible. All appointments are scheduled for 15 minutes but we ask you to be patient if an unforeseen circumstance delays your appointment.

Please come prepared when you visit our office for advising for registration. You should check out courses on CaneLink and select possible courses, sections, and alternates. When you come to the office, PALs will help you fill out a *Course Request Form* before an advisor will meet with you to review your requirements and make sure you have selected appropriate courses.

If you do not know what classes to choose, stop by our office so we can review your DPR. You will then be asked to return at a later time with your course selections. Because we have limited time to meet with our roughly 1,000 majors, please understand that we cannot create a specific schedule or select specific sections for you during your advising appointment. This is your time to chat about your course selections, discuss opportunities, and plan for graduation and beyond.

All incoming freshmen are required to complete AlcoholEdu for College before they can register for their second semester at UM (see **Section 6** for more information).

### **Advising Hold Removals**

If you are in CAS, you are in good academic standing, and you have completed 0 to 44 UM credits (not including credits in progress, AP, DE, IB, or transfer credits) you will be able to register online through CaneLink after you meet with an academic advisor and have your advising hold removed. In addition to registration, this hold removal will allow you to add and drop courses.

Once you have completed 45 or more completed UM credits and you are in good academic standing you will be allowed to register, add, and drop courses through CaneLink without a hold removal. Although we encourage you to take advantage of online registration, we caution you against registering for classes without proper advising from UASP.

### **Adding or Dropping Courses to an Existing Schedule**

We recommend you see an advisor if you need to drop or add a course to an existing schedule. Stop by the UASP office and have an advisor sign your *Drop/Add Form*. Deadlines for adding and dropping courses are posted on the Academic Calendar.

Even if you are eligible to add and drop online without an advisor's signature, it is a good idea to check with one of the advisors to ensure you are on the right track toward graduation. Remember, you are ultimately responsible for your curricular choices.

Keep in mind that some types of financial aid may require the completion of 24 credits per year while others may be affected when you drop a course. For example, the amount of money awarded to Florida residents each semester by Florida Bright Futures is dependent upon the number of credits. If a student drops a course, thereby lowering the number of credits, the amount of money awarded by Florida Bright Futures will be reduced. Contact the Office of Financial Assistance Services at (305) 284-5212 to see if your financial aid will be affected if you decide to drop a course.

### **Research**

Undergraduates in a research university such as UM should be sure to take advantage of the research opportunities available to them. See **Section 5** for more information on how to become involved with research in the Department.

### **Summer Registration**

You may take courses over the summer either at UM or another institution. Before you enroll in and complete summer courses at another institution, make sure you will not violate UM's residency rule (see **Section 3-7**).

To register for summer courses at UM, you will select your courses during advising for the next fall (i.e., during your spring advising appointment). Remember to come prepared with a list of possible courses, sections, and alternates.

To register for summer courses at another institution, you must first contact the institution to find out what you need to do to enroll for the summer. Oftentimes these institutions ask for a transient form from UM; however, UM does not have one. A letter of good academic standing from an academic advisor will often suffice but you should check with the institution. Once you find out how to register, you will need to have your courses evaluated before you leave for the summer. Simply bring a course description of the summer course to the respective department at UM and meet with an advisor to evaluate the course. You will also need to complete a CAS Equivalency Evaluation Form (see **Appendix I3**) with the advisor and return the completed form to Ashe 200 before you leave (see **Section 3-8**). Once you complete your summer courses, you must send your transcripts to the Admission Evaluation Office in the Office of Admission at P.O. Box 249117, Coral Gables, FL 33124-9117. The Admissions Evaluation Office will then input the courses into the system so they will show on your DPR.

### **Long-Term Planning**

Long-term planning involves thinking about career objectives and/or graduate school and making decisions about courses that facilitate the timely progress toward those goals. Although you may not have definite career plans, especially during the first three years of college, thinking about options can ensure that important requirements for a given path are not neglected. Several undergraduate "tracks" are available to help you with preparation for graduate school, medical school, and law school (see **Section 3**). A blank graduation plan is also available in **Appendix N1** and sample graduation plans are available in **Appendices N2, N3, and N4**.

Taking courses in a given area helps you recognize your own strengths, weaknesses, interests, and aspirations. Changes in plans are inevitable, but gathering information before making decisions is essential in order to avoid making costly mistakes or setbacks.

### Graduate School in Psychology

Psychology is a multi-faceted discipline and it is important to have a well-rounded background in psychology. If you would like to pursue a professional career in psychology, it is important you are aware of graduate school expectations. Graduate school admission requirements vary but generally include preparation courses in Introduction to Biobehavioral Statistics (PSY 291/292), Introduction to Research Methods (PSY 290), and Intermediate Research Methods and Biobehavioral Statistics (PSY 390). Other courses that may help you prepare for the rigors of graduate school include Introduction to Research Projects (PSY 280/380/480), Tests and Measurements (PSY 391), Advanced Research Methods (PSY 490), and Advanced Biobehavioral Statistics (PSY 491). Other graduate school requirements can be explored in the *Graduate School Guide*, which is available in the UASP office.

Although we recommend you take a broad range of courses, you should also take coursework relevant to your area of interest. The UASP office can help you make curricular decisions to suit your individual needs. A *Psychology and Neuroscience Major Timetable* (see **Appendix M**) and *Graduation Plan* (see **Appendix N1**) can also help you map your undergraduate career. Here are two examples of psychology coursework that may help you reach your goals:

- 1) If you are considering a career working with children then you should consider taking Child and Adolescent Development (PSY 230), Psychology of Thinking and Learning in Children (PSY 355), Psychology of Social and Emotional Development (PSY 431), Psychology of Language Development (PSY 330), Psychology of Infancy (PSY 430), Abnormal Child Psychology (PSY 345), and/or Psychology of the Intellectual and Developmental Disabilities (PSY 356).
- 2) If you are interested in Industrial/Organizational Psychology (I/O) then you might benefit from taking Social Psychology (PSY 210), Industrial/Organizational Psychology (PSY 270), Personality Psychology (PSY 260), Tests and Measurements (PSY 391), and/or Personality Theory (PSY 360). A good grounding in statistics (PSY 291/292, PSY 390, PSY 491) and research methods (PSY 290, PSY 390, and PSY 490) would also help in this field.

### Graduate School in Neuroscience

The neuroscience curriculum will prepare you for a variety of career paths, including medicine, dentistry, health psychology, and neuroscience. If you plan to pursue a career as a neuroscientist, it is important to familiarize yourself with graduate school expectations. Many graduate programs will require coursework in physics, general chemistry, organic chemistry, and calculus, all which are included in the neuroscience major [Note: While College Physics is sufficient to earn the degree with a major in neuroscience, University Physics (PHY 205, PHY 206/208, and PHY 207/209) is recommended and may be required by some programs]. Other preparatory courses may include BIL 241 (Animal Behavior), BIL 261 (Comparative Vertebrate Anatomy), BIL 265 (Comparative Physiology), BIL 365 (Endocrinology), BMB 401 (Biochemistry for the Medical Sciences), PSY 426 (Health Psychology), and PSY 491 (Advanced Biobehavioral Statistics). You are encouraged to check the specific graduate school requirements for each school you would like to attend.

A listing of 220+ graduate programs in neuroscience and related fields can be found at The Association of Neuroscience Departments and Programs' website, [www.andp.org](http://www.andp.org). While graduate school admission requirements may vary, most will likely include research. To find out more about research opportunities in neuroscience, contact the Director of the Undergraduate Neuroscience Program, Helen Bramlett, Ph.D., at 305-243-8926 or [hbramlett@miami.edu](mailto:hbramlett@miami.edu).

The UASP staff can assist you in making curriculum decisions to suit your individual needs. A *Psychology and Neuroscience Major Timetable* (**Appendix M**) and *Graduation Plan* (**Appendices N1, N2, N3, and N4**) can help you map out your undergraduate career.



## Employment

Students who do not wish to attend graduate or professional school immediately after graduation are encouraged to utilize the Toppel Career Planning and Placement Center (see **Section 6**).

## Graduate Record Examination (GRE)

### General GRE

The Graduate Record Examination (GRE) is required for most graduate programs in the United States at both the Master's and Doctoral levels. Preparing for the GRE takes time. Be sure to begin reviewing for the exam at least a couple of months before your test date. Picking-up a couple of GRE study guides from the bookstore will help if you apply yourself and take the time to prepare. Some students opt to take a GRE prep course because they provide structure to the preparation process, even though these courses can be expensive. Keep in mind that the general GRE is now computer-based so paper and pencil testing is no longer available. For more information on the GRE, visit <http://www.ets.org/gre/> or call (609) 771-7670.

### Subject GRE

Some graduate schools ask for GRE Subject Exam scores in addition to general GRE scores. Check with each school to see if they require the GRE Subject Exam and, if so, prepare for this exam as you would for the general GRE. Consider reviewing an introductory book in the subject area or purchasing a study guide with practice tests to better prepare. For more information, visit <http://www.ets.org/gre/> or call (609) 771-7670.

## Graduation

### Graduation Requirements

Upon completion of the University, College/School, and Departmental requirements, you will be awarded a baccalaureate (bachelor's) degree. The term baccalaureate comes from the medieval practice of crowning the recipient of a first degree in arts with a garland of barberries.

Graduation is not automatic. You must apply for graduation through CaneLink at the beginning of the semester in which you intend to graduate. Application deadlines for each semester are posted on the Academic Calendar. Every application for graduation will be reviewed by Marian Dahman, the Senior Advisor in CAS, and the UASP Director. If you are enrolled in another college/school, you should consult with your primary advisor for graduation details.

The minimum number of credits necessary for the B.A. and B.S. degrees with a major in psychology is 120 credits; for a major in neuroscience it is 130 credits. To finish the psychology major for a B.A. or B.S. degree, you must complete a minimum of 33 credits. Repeating courses and taking courses listed in **Appendix F** may increase your total number of required credits.

The minimum cumulative GPA to graduate is 2.0. The minimum major GPA to graduate with a psychology major is 2.3 and a neuroscience major is a 2.6.

### Senior Credit Check

You will not be approved for graduation if you do not complete all of your requirements. Therefore, it is important to check with UASP at least once each semester, even if you are registering on CaneLink, to be sure you are on the right track toward graduation. At the end of your junior year or the beginning of your senior year, be sure to check with the CAS Student Academic Services, for a senior credit check. Stop by Ashe 200 or call (305) 284-4333 to schedule an appointment.

## Commencement

Commencement (i.e., the graduation ceremony) is held in December and May in the Bank United Center. If you are graduating in December, June, or August, you may choose to attend the May ceremony but your diploma will not be conferred until all of your requirements are met.

During the commencement ceremonies, students and faculty wear traditional gowns and mortarboards (i.e., regalia) that have been associated with universities since the Middle Ages. While each school has its own regalia, you will notice the regalia get more elaborate as the educational level increases. Faculty wear hoods associated with their particular school and their level of education. For example, the UM Doctor of Philosophy (Ph.D.) hood is orange, green, and blue and is four feet long. The UM Master's degree (M.S.) in Psychology hood is orange and green, and three and a half feet long. Students graduating with a baccalaureate degree (e.g., B.A. and B.S.) do not wear a hood.

The sleeves are another way to distinguish an individual's level of education. While all UM graduates wear black gowns, doctoral gowns have velvet on a full sleeve, Master's gowns have long pointed sleeves, and baccalaureate gowns have short, regular sleeves.

Graduate student mortarboards are tasseled in gold. Undergraduate mortarboards are tasseled in white for the B.A. and yellow for the B.S. Prior to the graduation ceremony, undergraduates wear the tassel on the right but it is moved to the left once their degree is conferred.

Cords and pins are worn by members of various organizations. Special graduation accoutrements may be issued to students graduating with Latin honors (i.e., *cum laude*, *magna cum laude*, and *summa cum laude*) or general honors during the Honors Convocation, which is held the day before commencement (see **Section 4**). These honors are also noted on your diploma and your official transcript. Remember to pick-up your regalia at the Toppel Career Center a few days before graduation.

Once you have graduated, you are an alumnus of UM. Be sure to respond to correspondence and stay in touch with your alma matter!

## Honors

### General Honors Program

#### Graduating with University Honors (Latin Honors)

#### Graduating with Departmental Honors

#### Senior Honors Thesis (PSY or NEU 580/581)

#### Psi Chi

#### Alpha Epsilon Delta (AED)

#### Beta Beta Beta (TriBeta)

### General Honors Program

Students are usually admitted into the General Honors Programs when they enter UM. The Honors Program makes it their initiative to invite all students in the top 10% of the entering class to join the General Honors Program.

To graduate with general honors, at least 24 honors credits must be taken with a cumulative GPA of 3.5 or higher. Twelve credits must be completed at the 200 level or higher and no more than 12 credits in the major may count. A 3.5 cumulative GPA is also required to stay in the General Honors Program throughout your undergraduate career.

If you have any questions, stop by the Honors Program call them at (305) 284-5384. You can also check the Honors Program webpage at [www.miami.edu/honors](http://www.miami.edu/honors) for updates.

### Graduating with University Honors (Latin Honors)

Beginning academic year 2008-2009, you will be awarded *cum laude* (with praise), *magna cum laude* (with high praise), or *summa cum laude* (with highest praise) based on a minimum GPA unique to your college/school. The minimum GPA required to graduate with one of these honors will be set during the fall of each academic year and will be determined based on the cumulative GPA of the graduating class from the previous academic year. You will receive *summa cum laude* if you are in the top 5% of your graduating class, *magna cum laude* if you are in the next 10% of your graduating class, and *cum laude* if you are in the next 10% of your graduating class. The minimum GPAs to receive *summa cum laude*, *magna cum laude*, or *cum laude* are 3.9, 3.75, and 3.6, respectively. You must meet the GPA requirements by the completion of your final semester to receive any of these designations. The Honors Program will look at both your UM and Combined GPAs, and use the lower of the two to make this determination.

Only students who enrolled prior to Fall 2009 have the option to complete a Senior Honors Thesis if they do not meet the specific GPA cutoffs but they meet the minimum GPA requirements. Because you entered UM after Fall 2009, you will not have the option to write a thesis for University Honors but you are still encouraged to do so for Departmental Honors and graduate school preparation.

If you have questions about Latin honors, please ask one of the UASP advisors or contact the Honors Program in Building 21-Y.

### Graduating with Departmental Honors

In addition to University Honors, you have the opportunity to graduate with Departmental Honors by:

- earning an overall cumulative GPA  $\geq 3.3$
- earning a major GPA  $\geq 3.5$
- completing PSY 291/292, PSY 290, and PSY 390
- completing PSY/NEU 580 and PSY/NEU 581 (Senior Honors Thesis)

You do not need to be in the General Honors Program to receive Departmental Honors.

### Senior Honors Thesis (PSY or NEU 580/581)

A Senior Honors Thesis is the culmination of an empirical research project that has been conducted by an advanced student under the direction of a faculty member. It is a mandatory, two-semester sequence, including PSY/NEU 580 and PSY/NEU 581. In order to be eligible, you must:

- have completed 18 credits in psychology, including PSY 291/292, PSY 290, and PSY 390
- have an overall cumulative GPA  $\geq 3.3$
- have a major GPA  $\geq 3.5$
- have obtained the prior agreement of a faculty member to supervise your thesis  
Note: Faculty usually consider serving as a thesis advisor for you only if you have prior research involvement relevant to your thesis. For this reason, you must obtain research experience *prior to your senior year*—typically by taking PSY/NEU 280/380/480—with the faculty member who will eventually be your thesis advisor (see **Appendices K1, K2, K3, and K4** for more information).
- have obtained topic approval from the Director of Undergraduate Academic Services, Leonard Clemons

All psychology theses must conform to the American Psychological Association style and must adhere to guidelines set forth by the Department of Psychology. PSY 580 cannot count toward the psychology major; only six credits of PSY 280, PSY 380, PSY 480, and/or PSY 581 can count toward the psychology major. PSY 581 can also be used as a writing course if you complete at least 4000 words (i.e., roughly 20 pages). For more information, see **Appendix K1**.

Neuroscience honors theses follow the same basic guidelines. As a neuroscience major, you may opt to write a thesis either through the Department of Psychology or Biology but you are encouraged to do so through the Department of Psychology as NEU 580/581.

### Psi Chi

Psi Chi is the National Honor Society in Psychology. Its purpose is to encourage, stimulate, and maintain excellence in advancing the science of psychology. To be eligible for an invitation, you must have a psychology or neuroscience major or minor, have completed nine credits in psychology, have a cumulative GPA of 3.5, and be in the top 35% of your class. You are usually invited in the spring to become an inducted Psi Chi member. Even if you are not invited to become an inducted member, you are encouraged to attend meetings. All Psi Chi members are automatically added to the Psi Chi listserv that disseminates information about the organization, scholarships, and opportunities. Psi Chi also publishes a page in the undergraduate newsletter, which is published in August, October, January, March, and May. For more information on Psi Chi or to get on the Psi Chi listserv, contact the organization at [umiamipsichi@gmail.com](mailto:umiamipsichi@gmail.com).

**Alpha Epsilon Delta (AED)**

Alpha Epsilon Delta (AED) is the pre-medical honor society that encourages students to excel in the pre-medical courses, participate in community service, and enter leadership positions. For more information, visit <http://www.nationalaed.org/> or e-mail [alphaepsilondelta.studorg@miami.edu](mailto:alphaepsilondelta.studorg@miami.edu).

**Beta Beta Beta (TriBeta)**

Beta Beta Beta is the National Honor Society in Biology. It is a society for students dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. Active membership requires completion of three semesters of university work, a major in the biological sciences, at least three biology courses (with one at the 200-level), and a cumulative and biology GPA of at least 3.0. For more details, contact Dr. Dana Krempels ([dana@miami.edu](mailto:dana@miami.edu)), the faculty coordinator of the society.

## **Research Opportunities for Undergraduates**

### **Introduction to Research Projects (PSY or NEU 280/380/480)**

#### **Volunteering for Research**

#### **Summer Research Programs**

**PRIME**

**PRIME II**

**JUMPSTART**

**PRIME Adjunct**

**Lois Pope Undergraduate Neuroscience Summer Research Fellowship**

**Summer Honors Research Program**

**Dean's Minority and Women's Research Program**

#### **University Research Opportunities**

#### **Collaborative Institutional Training Initiative (CITI)**

#### **Research Participation (PSY 110)**

The University of Miami is classified by the Carnegie Foundation for the Advancement of Teaching as a research university with very high research activity. Roughly 100 of the nation's over 4,000 institutions of higher education are classified as research universities with very high research activity and are described as "offer[ing] a wide range of baccalaureate programs ... [and being] committed to graduate education through the doctorate."

The Department of Psychology recognizes the importance of undergraduate involvement in research and is committed to providing opportunities for students to develop research skills. Psychology faculty members are currently recruiting students and volunteers to assist with research being conducted on the Coral Gables and Medical School campuses. Many of these faculty members are principal investigators on projects funded by organizations such as the National Cancer Institute, the Department of Education, the American Psychological Association, and the National Institutes of Health. Research opportunities are available in the three divisions that make up the Department of Psychology: Adult, Child, and Health.

Participation on a research project can be invaluable if you wish to pursue an advanced degree in psychology or health related areas. In fact, many graduate programs consider research experience a "must" for prospective students. When you participate in research you will have the opportunity to work closely with faculty members and graduate students to build meaningful mentoring relationships. Additionally, successful interactions with faculty members is a great way to secure letters of recommendation for graduate study or employment.

As a research assistant, you will work with psychology faculty and graduate students on a number of tasks. The duties vary according to the type of study being conducted, as well as your interests and skills. You may perform activities such as library research, subject recruitment, data collection, data scoring, and data entry. You may also have the opportunity to participate in project development, statistical analysis, or other programs such as the Psychology Research Initiatives Mentorship Experience (PRIME), the Summer Honors Research program, or the Senior Honors Thesis (see **Appendices K1, K2, K3, and K4**, as well as **Section 4**).

For more information about research opportunities, contact UASP at (305) 284-3303 or stop by Flipse 508. A listing of current research projects can be found by clicking "Undergraduate Research Opportunities" at the top of our webpage, [www.psy.miami.edu/undergraduate/](http://www.psy.miami.edu/undergraduate/).

### **Introduction to Research Projects (PSY or NEU 280/380/480)**

If you have at least six credits in psychology, a minimum of a 2.8 GPA, and a desire to gain experience in research, you may enroll in Introduction to Research Projects (PSY 280/380/480 for psychology majors or NEU 280/380/480 for neuroscience majors). In these courses, you earn course credit while working in a research laboratory, which can be especially valuable if you are planning to attend graduate school in psychology.

Deciding which project to work on may take some time. Faculty who wish to recruit students for a research project complete *Project Description Forms* that summarize project goals, tasks, scheduling constraints, and prerequisites. These forms can be found by clicking “Undergraduate Research Opportunities” at the top of our webpage, [www.psy.miami.edu/undergraduate/](http://www.psy.miami.edu/undergraduate/).

The actual activities for 280/380/480 vary depending on the faculty member and the research project, but may include collecting data, administering tests, recruiting subjects, interviewing subjects, library research, statistical analysis, and attending research team meetings. To get the most out of the research experience, we encourage you to take Introduction to Biobehavioral Statistics (PSY 291/292) prior to enrolling in PSY/NEU 280.

If you are interested in a career in neuroscience, you should meet with Dr. Helen Bramlett ([hbramlett@miami.edu](mailto:hbramlett@miami.edu)) to discuss research projects being conducted on the Coral Gables and Medical School campuses. Nu Rho Psi Honor Society also provides opportunities to learn more about neuroscience research opportunities. Neuroscience students are also welcome to participate in psychology research laboratories for credit if they choose.

You may register for 1-3 credits of PSY/NEU 280/380/480 per semester. During the school year, you will be required to work for a total of three hours per week per credit (i.e., 9 hours per week for 3 credits). During the summer sessions, you can earn one credit for every eight hours of work per week. No more than six credits of PSY 280, PSY 380, PSY 480, and PSY 581 may count toward the psychology major (PSY 580 does not count). Although research credit does not count toward the neuroscience major, NEU 280, NEU 380, and NEU 480 can count toward general electives.

Once you have identified several faculty members you would like to work with, contact them and schedule a meeting. If you and the researcher agree that you would make a good addition to his or her research team, he or she must sign a *Permission to Register for PSY/NEU 280/380/480 Form* (see **Appendix J2**). You will then need a signature and an override from UASP to register for the course as the cap is set at 1 to ensure only eligible students enroll in these courses. For more on 280/380/480, see **Appendices J1** and **J2**.

## Volunteering for Research

You may volunteer to work on a research project if you are not eligible for PSY/NEU 280/380/480 or do not care to earn research credit. All undergraduate volunteers must fill-out the volunteer form available outside of UASP and return it to Nicole Laviña in Flipse 508. Failure to complete this form can make you ineligible to work in a research laboratory. If you do not have a particular project in mind and you want to explore your options, go to UASP in Flipse 508 or visit our webpage at [www.psy.miami.edu/undergraduate/](http://www.psy.miami.edu/undergraduate/) and click on “Undergraduate Research Opportunities.”

## Summer Research Programs

### PRIME

The University of Miami and the Department of Psychology are committed to providing all students in our diverse student population with valuable research experiences. When the American Psychological Association’s Commission on Ethnic Minority Recruitment, Retention, and Training noted that the representation of minorities (i.e., black, Hispanic, pacific islander, and native American students) decreases at each succeeding echelon of psychology’s educational pipeline, especially psychology with a biological focus, UM decided to participate in a nationwide project to help reverse this trend. This program was implemented in five regions around the country with centers located in Illinois, California, South Dakota, Maryland, and Florida. Originally funded by the National Institute of General Medical Sciences and administered by the American Psychological Association, the UM PRIME program is now funded by an endowment established by the Flipse family, as well as supplementary funds from the Office of the Provost.

The University of Miami is part of the Southeast region where the program has been named **PRIME, Psychology Research Initiatives Mentorship Experience**. A unique aspect of this program is that it is held in collaboration with Florida International University and Miami-Dade College. Although the specifics of the program are different on each campus, the three schools work together to reach the maximum number of minority students possible.

As a **PRIME** student, you will work with a faculty mentor and assist them with research in laboratories and/or out in the community. You will be expected to attend weekly meetings and to work a minimum of 20 hours per week over a 10 week period. You will receive a stipend of approximately \$1,500. At the end of the summer, you will be required to prepare a poster of your research and present it to a group of your peers, graduate students, faculty, and staff. Once you successfully complete the program, you will be awarded a final stipend of approximately \$500, which can help you cover the costs of books, GRE preparation, and/or graduate school application fees. If you accept **PRIME** funding, you are not allowed to accept funding from any other source.

To be eligible for the **PRIME** program, you must have at least sophomore standing (minimum 30 credits), a minimum 2.75 GPA, Introduction to Psychology (PSY 110), Introductory Biobehavioral Statistics (PSY 291/292), Introduction to Research Methods (PSY 290), and Intermediate Research Methods and Biobehavioral Statistics (PSY 390). You will be given priority if you have worked with the mentor in the past as a volunteer or as part of PSY 280/380/480.

For more information about **PRIME** and for application materials, stop by UASP in Flipse 508.

## **PRIME II**

Beginning in 2001, the Provost of the University of Miami and the Dean of CAS designated funds for additional students to become involved with summer research following the **PRIME** model. **PRIME II** is open to all psychology and neuroscience students regardless of ethnicity and is available for all research in psychology (i.e., it is not limited to biomedical research). All **PRIME II** students are held to the **PRIME** guidelines. Keep in mind that if you accept **PRIME** funding, you are not allowed to accept funding from any other source.

## **JUMPSTART**

You may apply to **JUMPSTART (Just for University of Miami Psychology Students to Accelerate Research Training)** if you are interested in research but you have not taken PSY 390. In **JUMPSTART**, you will be expected to work 20 hours per week for 10 weeks and you will receive a stipend of \$1,250. Instead of a research project, you will be asked to produce a research proposal at the end of the program. An additional stipend of approximately \$250 will be award to you upon successful completion of the program. Keep in mind that if you accept **JUMPSTART** funding, you are not allowed to accept funding from any other source.

## **PRIME Adjunct**

Another way to participate in the **PRIME** program is as a **PRIME** adjunct. As a **PRIME** adjunct, you receive funding from other on-campus sources (see below) but participate in all aspects of the **PRIME** program, including the weekly meetings. Be sure to check the requirements of your funding source as there may be additional obligations that either conflict with or prevent you from joining **PRIME**.

## **Lois Pope Undergraduate Neuroscience Summer Research Fellowship**

An endowment from trustee Lois Pope has given undergraduate neuroscience majors the opportunity to participate in a neuroscience summer research fellowship at UM. As a Lois Pope fellow, you will be given a \$2,500 stipend and a single dormitory room for your participation in the program. Unlike **PRIME**, you will be expected to work full-time (40 hours per week) in a neuroscience laboratory for at least 10 weeks and to present a scientific poster at the Neuroscience Research Day during the following spring semester.



While students are not allowed to accept funding from other sources, they may participate in the PRIME program as PRIME adjuncts.

### **Summer Honors Research Program**

You can apply to the Summer Honors Research Program if you are an honors student with an interest in an in-depth summer research experience. The Honors Program will match you with a faculty member conducting research on the Coral Gables, Medical, or RSMAS campus. To find out more about this program and/or to obtain an application, visit the Honors Program in Building 21Y, (305) 284-5384. Students in this program are usually eligible to participate in PRIME as an adjunct member if they have completed PSY 291/292. Please contact UASP for details about combining these opportunities.

### **Dean's Minority and Women's Research Program**

The Dean of CAS provides funds for students to conduct research who may not otherwise have the resources to do so. The Dean's Program for Minority and Women's Research provides funds for summer on-campus housing and meals, as well as a monetary stipend. To apply, you must have completed your sophomore or junior year and have an overall GPA of 3.0, as well as a GPA of 3.2 in your major. You will be expected to be involved in research 30 hours per week during an eight week period.

## **University Research Opportunities**

All undergraduate research experiences in psychology and neuroscience are run through the UASP office. If you are interested in doing research in an area other than psychology or neuroscience, the Office of Undergraduate Research will match you with faculty mentors who share similar research interests. The experiences provided are usually preliminary, are not funded, and do not count for course credit. For more information, contact (305) 284-5784.

## **Collaborative Institutional Training Initiative (CITI)**

The UM Institutional Review Board (IRB) requires all students participating in research experiences to complete a web-based training program called the Collaborative Institutional Training Initiative (CITI). CITI training was designed to protect human research subjects by educating students about research ethics in the biomedical, social, and behavioral fields. If you enroll in PSY/NEU 280/380/480 or volunteer in a laboratory, you are required to complete CITI training. Please visit [www.citiprogram.org](http://www.citiprogram.org) for more information.

## **Research Participation (PSY 110)**

The Department requires that all students in Introduction to Psychology (PSY 110) become familiar with the nature of psychological research and how it is conducted. This is a requirement that does not influence what grade you get in the course but it must be satisfied to get a grade. This experience gives you the opportunity to be a participant in a research study and provides you with first-hand experience with experimental laboratory methods. The standard requirement is ten research points where one point equals one half hour of participation. If you do not wish to take part in these studies, you must complete one paper per point. To register for studies, visit the Study Canes website. For more information, speak with your PSY 110 instructor or contact Nicole Laviña at (305) 284-3303, or stop by her office in Flipse 508.

## Academic Opportunities and Campus Resources

### Academic Resources

- Academic Calendar
- Academic Resource Center (ArC)
- Blackboard
- Chemistry Resource Center
- Eleanore Graves Tripp Modern Languages Laboratory
- Libraries
- Math Lab
- CaneLink
- Office of Disability Services
- Physics Academy
- Study Abroad
- Writing Center

### Career Planning

- Counseling Center
- Toppel Career Planning and Placement Center
- The Launch Pad
- Undergraduate Academic Services for Psychology (UASP)

### Financial Services

- Cane Cards
- Office of Financial Assistance
- Office of Student Account Services
- Office of Student Employment

### Health and Wellness

- AlcoholEdu
- Counseling Center
- Student Health Center
- Wellness Center

### Student Life

- Butler Center for Volunteer Service & Leadership Development (SLC)
- Commuter Student Involvement
- Greek Life
- Spiritual Life
- The Miami Hurricane

### Other Important Information

- Blue Light Phones
- Campus Phones
- Hurry 'Cane Shuttles
- Ombudsperson
- UM Police Department (UMPD)

### Academic Resources

#### Academic Calendar

The academic calendar lists important dates for the whole UM community. To view the academic calendar, see **Appendices Q1** and **Q2**. Academic calendars for previous or future years may be viewed at <http://www.miami.edu/index.php/registrar/calendar/>.

**Academic Resource Center (ArC)**

You can receive free peer tutoring in almost any subject for up to two hours per week at the ArC. There are also workshops available on organization and time management, textbook reading skills, effective note-taking skills, effective study techniques, and more. The center is located on the second floor of the University Center, Room 201. Visit [www.umarc.miami.edu](http://www.umarc.miami.edu) or call (305) 284-2800 for more information.

**Blackboard**

Blackboard is an online, course management system that allows faculty to post syllabi, course documents (e.g., PowerPoint slides and class readings), discussion boards, grades, and other items. Some faculty may also require you to submit assignments using Blackboard. A link to each of your courses is added to your Blackboard site when you enroll. While some instructors may use this site frequently, others may not use it at all. You can access Blackboard at [www.courses.miami.edu](http://www.courses.miami.edu).

**Chemistry Resource Center**

You can utilize the individual and group tutoring available for chemistry lectures and labs when you are enrolled in any 100 or 200 level chemistry course. The tutoring schedule can be found outside of Cox 304 or under the Course Documents tab of your class on Blackboard. For more information, call (305) 284-5165.

**Eleonore Graves Tripp Modern Languages Laboratory**

Stop by the Eleonore Graves Tripp Modern Languages Lab located in Merrick 201 for help with any modern language course. The Modern Languages Lab provides you with access to digitized audio files, instructional videos, feature films, and interactive computer programs on spelling, grammar, reading, pronunciation, and comprehension. Most of these services can also be accessed remotely via the internet. For more details, visit <http://www.as.miami.edu/ml/labs/>.

**Libraries**

The University of Miami Libraries rank among the top 50 academic research libraries in the United States. Each of the libraries has subject-specific librarians who are available to assist you with your research. These are excellent places to study! For more information visit [www.library.miami.edu](http://www.library.miami.edu).

**Math Lab**

The Math Lab provides you with help for any MTH course. These services include tutoring by appointment or on a walk-in basis. Call (305) 284-2575 for more information.

**CaneLink**

CaneLink was developed to provide you with up-to-date information about your student record, account information, course offerings, faculty evaluations, housing, student employment, and much more. You can access CaneLink from any computer with an internet connection by visiting <https://canelink.miami.edu>. To view current courses and availability, click on the "Search for Classes" link.

**Office of Disability Services**

If you have a documented disability, you can use the academic services and support at the Office of Disability Services to ensure that you are able to access and participate in the opportunities available at UM. Services include note-taking, testing accommodations, and informing instructors of special needs. To register, schedule an appointment by calling (305) 284-2374 or visit Room 201 in the University Center.

### Physics Academy

The Physics Academy is a resource where you can find free physics tutoring for any physics course, particularly in introductory courses. For more information, go to Room 105 of the James L. Knight Physics Building or call (305) 284-2323.

### Study Abroad

Study Abroad is an excellent way to see the world and experience different cultures. This is a once in a lifetime experience where you are able to earn college credit while taking classes at a foreign university, meet new and interesting people from all over the globe, and travel to another part of the world. Study Abroad may also help you network around the world and this experience may be listed on your resume when applying to graduate programs and/or jobs after graduation. While many students study abroad at some point during their college career, many others regret not doing so after leaving college. It is highly recommended that you take full advantage of this amazing opportunity.

If you are interested in Study Abroad, you must go through an application process. Start by determining when you would like to study abroad and researching the various programs on the Study Abroad website, [www.miami.edu/studyabroad](http://www.miami.edu/studyabroad). After you determine which program is right for you, you will need to begin the application process. Keep in mind that applications for the fall and summer programs are typically due in March while applications for the spring and intersession programs are typically due in October. The application process may be lengthy and you must include your contact information, letters of recommendation, transcripts, and a list of tentative courses from your programs of interest. You should plan on beginning your application early, usually two semesters before you want to go abroad, so that you allow yourself enough time to complete it.

You may think that you cannot study abroad because it will cost more than your regular tuition and your scholarships and/or financial aid will not cover it. This is not true. Because Study Abroad is a University of Miami program, the costs for studying abroad are the same as your tuition, and your scholarships, grants, and financial aid still apply. You may also retain financial aid to pay for housing; however, you are responsible for your own airfare and any extra traveling expenses. This may either be more or less expensive depending on the country (e.g., housing in England is typically more expensive).

The Study Abroad office also offers several scholarships to cover expenses when abroad. For example, the Pascoe Scholarships provide money to cover travel expenses for Miami-Dade residents. For a list of scholarships, visit the Study Abroad website, [www.miami.edu/studyabroad](http://www.miami.edu/studyabroad).

Keep in mind that you may study abroad for a maximum of two semesters but you may participate in an unlimited number of summer and intersession programs. Study abroad courses may either be taught by a professor from the country you are visiting or by a UM professor who will accompany you. If you plan on taking courses in another language, be sure to meet the foreign language requirements before you apply.

It is also very important you have your study abroad courses evaluated and approved before you go abroad (see **Section 3**). If you choose to study abroad through another college/university (e.g., Semester at Sea or another non-UM program) during the fall or spring semesters, you will need to withdraw from UM before you leave. In this case, your tuition, scholarships, grants, and/or other financial aid may differ from that at UM. If you choose to study abroad through a non-UM program, make sure to review the residency rule, as all credits will be considered transfer credits (see **Section 3**). Remember to file for readmission before or during your time abroad to make sure you can register for the following semester. To withdraw and readmit, please see Assistant Dean in Ashe 200.

If you have any questions or you would like to learn more about Study Abroad, call (305) 284-3434. Also check out the UASP Study Abroad Checklist and information boards, which are located outside of the UASP office. For answers to study abroad questions, see **Appendix H**.

### **Writing Center**

Tutors at the Writing Center can help you during the writing process. For more information, call (305) 284-2956 or visit <http://www.as.miami.edu/writingcenter>.

## **Career Planning**

### **Counseling Center**

In addition to counseling services, the Counseling Center provides career guidance and testing. If you are unsure what career is right for you, call (305) 284-5511 to make an appointment.

### **Toppel Career Planning and Placement Center**

The Toppel Career Planning and Placement Center offers a variety of career assistance programs. Toppel offers help with resume writing, statements of purpose, career information, graduate school information, seminars, and workshops. Be sure to stop by their offices and take advantage of all the resources they have to offer. For more information, check-out Toppel's website at [www.hireacane.com](http://www.hireacane.com), call (305) 284-5451, or visit Toppel on the first floor of the University Center. You will find most of the information you need on the website.

### **The Launch Pad**

Toppel recently developed The Launch Pad to provide new entrepreneurs and inventors with the tools necessary to open a successful business. The goal of The Launch Pad is to show that entrepreneurship is an acceptable career path and a legitimate way to make a living. The Launch Pad also encourages new entrepreneurs to build their new ventures in South Florida, which will help stimulate economic growth in our community. This resource provides free consultations and workshops, as well as various networking events that allow you to establish relationships with local business experts. The Launch Pad is located in UC 100. For more information, visit their website, [www.thelaunchpad.org](http://www.thelaunchpad.org), or call (305) 284-2789.

### **Undergraduate Academic Services for Psychology (UASP)**

UASP has a number of books and publications for your perusal to help you explore graduate school options and careers in psychology. To show you some of your options for after graduation, UASP has also created several lists of post-baccalaureate activities for psychology and neuroscience majors. These lists were developed based on information obtained from UM psychology and neuroscience alumni. To see what our alumni are doing, visit <http://www.psy.miami.edu/undergraduate/whatcani.phtml>.

## **Financial Services**

### **Cane Cards**

You can use your Cane Card for any on-campus purchases by putting money in your Cane Express account through CaneLink or at the cashier's window in Ashe. If you lose your Cane Card, you will need to purchase a new one for a \$20 replacement fee from the Cane Card office one the first floor of the McKnight Building.

### **Office of Financial Assistance**

The Office of Financial Assistance will answer your questions about your financial aid package. For more information, stop by Rhodes House (Building 37), visit [www.miami.edu/ofas](http://www.miami.edu/ofas), or call (305) 284-5212.

### **Office of Student Account Services**

For questions regarding billing and payments, contact the Office of Student Account Services in Ashe 158, visit [www.miami.edu/osas](http://www.miami.edu/osas), or call (305) 284-6430, Option 3.

### **Office of Student Employment**

Working part-time at UM is a good opportunity to build connections, develop professional skills, and earn money while attending school. On-campus employment can enhance your undergraduate experience and provide another avenue to get involved. For more information, stop by the Office of Student Employment in Rhodes House (Building 37-K) or go to <http://www.miami.edu/index.php/ose/>.

## **Health and Wellness**

### **AlcoholEdu**

You are required to complete AlcoholEdu for College if you enter UM as a new freshman. While incoming transfer students are not required to complete this program, you are highly encouraged to do so. This course contains surveys for you to provide feedback about your alcohol-related attitudes and behaviors. Part I, which is roughly three hours, must be completed prior to orientation (approximately the third week in August). Roughly 45 days after you complete Part I, you will receive an automated e-mail asking you to complete Part II, which should take approximately 15 minutes. Only after you have completed Part II have you completed the program. Remember, all information is confidential; UM will only receive group responses and will NOT receive your individual answers.

It is very important that you complete this program on time, by August 18, 2014. If you don't, you may be prevented from registering for courses for the following semester.

### **Counseling Center**

Free, confidential, and professional counseling is available in the Counseling Center to help you deal/cope with personal and emotional struggles. Other services offered include personal counseling, academic counseling, personality inventories, and career testing. Call (305) 284-5511 or visit Building 21, Room R, for more information.

### **Student Health Center**

Primary care and specialty services (e.g., women's health and allergy injections) are available through the Student Health Center, located at 5513 Merrick Drive. Most primary care services and many routine lab tests are provided free of charge. Specialty care services, x-rays, and other lab tests are offered at reasonable rates. You do not need to participate in the student insurance program to receive health services from the Student Health Center. For more information, visit [www.miami.edu/sa/index.php/student\\_health\\_center/](http://www.miami.edu/sa/index.php/student_health_center/) or call (305) 284-9100.

### **Wellness Center**

The Patti and Allan Herbert Wellness Center houses a fitness room, pool, and basketball and racquetball courts. Daily group fitness classes are offered free of charge and studio cycling and yoga passes can be purchased each semester. The Wellness Center has countless intramural sports and a staff of personal trainers. You can also schedule a massage by calling (305) 282-LIFE. For more information about the facility, visit [www.miami.edu/wellness](http://www.miami.edu/wellness) or call (305) 284-8500.

## Student Life

### Butler Center for Volunteer Service & Leadership Development (SLC)

The SLC offers a wide range of volunteer service opportunities, including one-day special events and volunteer opportunities during fall and spring break. The Butler Center works toward developing leadership potential in all academic disciplines and raising the overall standard of student leadership at UM. Stop by the office in Student Activities Center, Room 204, to learn more about how to get involved. You can also call (305) 284-GIVE or e-mail [leadandserve@miami.edu](mailto:leadandserve@miami.edu) for more information.

### Commuter Student Involvement

Commuter student involvement provides opportunities and services to you if you are living off-campus. For commuter student tips and information on the Association of Commuter Students, Great Start, Commuter Assistants, and more, visit [http://www.miami.edu/sa/index.php/student\\_life/](http://www.miami.edu/sa/index.php/student_life/) and click on “Commuter Student Involvement.”

### Greek Life

UM is home to more than 30 national and international fraternities and sororities. Fraternities and sororities offer you experience in leadership, community service, social development, camaraderie, and scholarship. For more information, visit [http://www.miami.edu/sa/index.php/student\\_life/](http://www.miami.edu/sa/index.php/student_life/) and click on “Student Organizations,” then “Fraternities and Sororities.”

### Spiritual Life

There are many religious centers located on or near campus. Each denomination is served by trained clergy or lay workers who are sensitive to the needs of college students and are available for counseling or advising. The University Chaplains Association is the official body responsible for religious life on campus. Services include scripture study, community service, counseling, discussions, fellowship, leadership training, retreats, social events, and worship. For more information on spiritual life at UM, visit [http://www.miami.edu/sa/index.php/student\\_life/](http://www.miami.edu/sa/index.php/student_life/) and then click on “Spiritual Life.”

### The Miami Hurricane

The Miami Hurricane is UM’s student newspaper. It is edited and produced by undergraduate students and is published semi-weekly on Mondays and Thursdays during the regular academic year. Issues are distributed at many different points throughout campus.

## Other Important Information

### Blue Light Phones

Phones with blue lights as indicators are available throughout campus for your safety. These phones are connected to the UM Police Department (UMPD), who responds to blue light calls 24-7. These phones may also be used to request a safety escort to accompany you to your destination.

### Campus Phones

All residential college phone numbers begin with (786) 392-xxxx. When dialing a residential number from a campus or dorm room phone, dial 3-xxxx. All administrative phone numbers begin with (305) 284-xxxx. When dialing an administrative number from a campus or dorm room phone, dial 8-xxxx. One important number is 8-CARE, which can be used to request the UM maintenance service. For questions relating to campus phones, call the Telecommunications Help Desk at (305) 284-6565, Option 1.

**Hurry 'Cane Shuttles**

The Hurry 'Cane shuttle system runs throughout the year to provide you with a fast, convenient way to travel throughout the UM campus. These wheelchair-friendly shuttles are free of charge and stop at most major buildings and parking lots, as well as the Metrorail station. All shuttles run every 6 to 8 minutes during class days and every 15 to 20 minutes during non-class days.

Transportation to Flipse can sometimes take longer than expected. Even though you have 15 minutes between classes, it may still be difficult to make it from one side of campus to another. All students should plan accordingly when finalizing their schedules.

For more information on the Hurry 'Cane shuttle system, visit <http://umshuttles.com>. This site includes a listing of arrival times and a live map that allows you to track each shuttle. Each of these applications is accessible on your iphone, blackberry, or other mobile device.

**Ombudsperson**

The UASP staff is the first point of contact for all psychology and neuroscience majors who have academic or administrative issues. UASP strives to help you find appropriate solutions to your problems and refer you to the proper on-campus resources as necessary. If an advisor is unable to help you, they will refer you to our Director of Undergraduate Academic Services.

While the UASP staff can usually help students, UM also has designated a list of troubleshooters and an ombudsperson to assist you with all academic and non-academic issues. These individuals serve as another resource for you but are not intended as a bypass to normal reporting and grievance structures. For example, if you have a concern about one of your courses, the first point of contact should be your instructor. If no resolution can be reached with your instructor, the academic advisor would be your next point of contact.

The ombudsperson and other troubleshooters are available if these avenues do not produce satisfactory results. Dean Sanders serves as the troubleshooter for CAS. Some common issues handled by the Assistant Dean include credit overloads, academic appeals, and withdrawals. You will be referred to the Assistant Dean by UASP as needed. The ombudsperson explores your complaints, opens lines of communication, and considers your rights, as well as the University, when making recommendations to solve your problem(s). The ombudsperson is also responsible for interpreting university policy, making recommendations to change policy when needed and ensuring the university adheres to its policies when making decisions.

**UM Police Department (UMPD)**

The UM Police Department is a fully functional Police Department, not campus security, and is responsible for the safety and security of the UM campus. UMPD offers numerous programs and services, including the Rape Aggression Defense (R.A.D.) program, the Self-defense Awareness and Familiarization Exchange (S.A.F.E.) program, safety escorts, and the bicycle lock and registration program. If you need to reach the UMPD, call (305) 284-6666. In case of emergencies, call 911.



**Requirements for the Bachelor of Arts (B.A.) Degree****2017-2018****Areas of Proficiency****English Composition (6 credits)**

ENG 105 and 106 or 107 must be completed.

(3) \_\_\_\_\_

*Note: Transfer students who transfer credit for only one of these courses may take ENG 208 to complete the remaining requirement.* (3) \_\_\_\_\_*Students can also be waived from ENG 105 by SAT or ACT verbal scores. Credit is not awarded for ENG 105 waivers.***Mathematics (3 credits)**

MTH 108, 113, or higher must be completed.

(3) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Mathematics requirement; they will count as electives.***Language (3 credits)**

Three credits in a language (other than English) at the 200 level or higher must be completed.

(3) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Language requirement; they will count as electives. These prerequisite courses may not be used in the cognates to fulfill the Areas of Knowledge requirements below. See**<http://www.as.miami.edu/ml/undergraduate/guidelines.html> for proper language placement guidelines.***Areas of Knowledge (Cognates)**

Cognates are groups of "at least three courses for at least nine credits" centered on a specific topic or theme. Students must complete at least one cognate in each of the three primary Areas of Knowledge: Arts & Humanities, People & Society, and Science, Technology, Engineering, & Mathematics (STEM). Each cognate must have a different Responsible Academic Unit. Majors and minors can be used to fulfill the cognates (see "Major Options" and "Minor Options" handouts for cognate designations), but courses taken to fulfill the Areas of Proficiency cannot be used to fulfill the cognates. Courses can also be part of multiple cognates but cannot be used to fulfill the requirements of multiple cognates. See <http://www.miami.edu/cognates/> for more information and the official cognate search engine.

**Arts & Humanities (9 credits minimum)**Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_**People & Society (9 credits minimum)**Title: Psychology (PSY) Required credits: 33 Check one:  Major  Minor  Other cognate Major Requirements  Major Requirements  Major Requirements  Major Requirements  Major Requirements**Science, Technology, Engineering, & Mathematics (STEM; 9 credits minimum)**Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_**Natural Science (0-3 credits)**

All students must complete at least three credits from one of the following disciplines **unless these credits are part of a cognate, major, or minor**: Biology, Chemistry, Ecosystem Science & Policy, (only ECS 111, 112, or 202), Geological Sciences, Marine Science (except MSC 313 and 314), Physical Science, or Physics. APY 203 and GEG 120 may also fulfill this requirement. (3) \_\_\_\_\_

**Major in Psychology (PSY; 33 credits)**

**Grade Point Average:** Students must have a minimum 2.8 combined, UM, and psychology GPA to declare the major. Students are strongly advised not to continue with the major if they have less than a 2.5 psychology GPA after 15 completed credits in psychology. Students must earn a minimum 2.3 psychology GPA to graduate with the major. *AP credit for Statistics (i.e., PSY 292) cannot count toward the psychology major.*

**Prerequisites:** Students must adhere to all prerequisites. They are also required to earn a minimum grade of C- in any PSY course that is to serve as a prerequisite. Students who enroll in PSY courses without the specified prerequisites may be dropped.

**Residency Requirement:** Students must complete all 300, 400, and 500 level psychology courses in residence, and only 6 of these credits may be taken through a UM Study Abroad Program with prior written approval.

**Required Coursework:**

PSY 110 _____	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 300 level _____	
	PSY 290 _____		
	PSY 291* _____		

*\*Students who declare the psychology major after they transfer credit for PSY 292 or complete PSY 292 at UM can use PSY 292 as a substitute for PSY 291.*

*Note: Only 6 credits of PSY 280, 380, 480, and/or 581 may count toward the major; PSY 580 cannot count toward the major.*

*Note: The following courses do not count toward the major: PSY 106, 190, 206, and 306. Students must earn a minimum grade of C- in a PSY course to count.*

**Minor (Approximately 12-18 credits)**

All psychology majors who pursue a B.A. degree must complete a minor from the list of acceptable minors published by the College of Arts and Sciences.

*Note: Students who complete an acceptable second major are not required to complete a minor.*

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Writing Requirement**

Four writing intensive courses beyond the courses used to fulfill the English Composition requirement must be completed and at least one of the courses must be from your discipline of study as determined by your major department. These courses are listed as "Writing" under "Class Attributes" on the CaneLink course search function. Transfer students must complete at least two of the four writing intensive courses at the University of Miami.

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Electives & Prerequisites**

A minimum of 120 credits are required to complete the B.A. degree as a psychology major. Courses listed on the "Courses not Accepted Toward a Degree in the College of Arts and Sciences" handout do not count toward the B.A. degree.

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

# Requirements for the Bachelor of Science (B.S.) Degree

## 2017-2018

### Areas of Proficiency

#### English Composition (6 credits)

ENG 105 and 106 or 107 must be completed. (3) \_\_\_\_\_

*Note: Transfer students who transfer credit for only one of these courses may take ENG 208 to complete the remaining requirement.* (3) \_\_\_\_\_

*Students can also be waived from ENG 105 by SAT or ACT verbal scores. Credit is not awarded for ENG 105 waivers.*

#### Mathematics (11-15 credits)

Completion of one of the following calculus sequences is required: MTH 140/141/162, MTH 161/162, or MTH 171/172. (4) \_\_\_\_\_

Three credits in a computing or statistics course must also be completed after approval from the department. (4) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Mathematics requirement; they will count as electives.* (3) \_\_\_\_\_

#### Language (3 credits)

Three credits in a language (other than English) at the 200 level or higher must be completed. (3) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Language requirement; they will count as electives. These prerequisite courses may not be used in the cognates to fulfill the Areas of Knowledge requirements below.*

### Areas of Knowledge (Cognates)

Cognates are groups of "at least three courses for at least nine credits" centered on a specific topic or theme. Students must complete at least one cognate in each of the three primary Areas of Knowledge: Arts & Humanities, People & Society, and Science, Technology, Engineering, & Mathematics (STEM). Each cognate must have a different Responsible Academic Unit. Majors and minors can be used to fulfill the cognates (see "Major Options" and "Minor Options" handouts for cognate designations), but courses taken to fulfill the Areas of Proficiency cannot be used to fulfill the cognates. Courses can also be part of multiple cognates but cannot be used to fulfill the requirements of multiple cognates. See <http://www.miami.edu/cognates/> for more information and the official cognate search engine.

*Note: The B.S. psychology major (PSY) can be applied toward the People & Society cognate or the STEM cognate.*

#### Arts & Humanities (9 credits minimum)

Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

#### People & Society (9 credits minimum)

Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

#### Science, Technology, Engineering, & Mathematics (STEM; 9 credits minimum)

Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

#### Natural Science (0-3 credits)

All students must complete at least three credits from one of the following disciplines **unless these credits are part of a cognate, major, or minor:** Biology, Chemistry, Geological Sciences, or Physics. *Note: These credits must be earned in courses that count toward a major in the chosen department.* (3) \_\_\_\_\_

### Major in Psychology (PSYS; 33 credits)

**Grade Point Average:** Students must have a minimum 2.8 combined, UM, and psychology GPA to declare the major. Students are strongly advised not to continue with the major if they have less than a 2.5 psychology GPA after 15 completed credits in psychology. Students must earn a minimum 2.3 psychology GPA to graduate with the major. *AP credit for Statistics (i.e., PSY 292) cannot count toward the psychology major.*

**Prerequisites:** Students must adhere to all prerequisites. They are also required to earn a minimum grade of C- in any PSY course that is to serve as a prerequisite. Students who enroll in PSY courses without the specified prerequisites may be dropped.

**Residency Requirement:** Students must complete all 300, 400, and 500 level psychology courses in residence, and only 6 of these credits may be taken through a UM Study Abroad Program with prior written approval.

#### Required Coursework:

PSY 110 _____	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 390 _____	PSY 400 level (Writing) _____
	PSY 200 level _____		PSY 490 _____
	PSY 290 _____		
	PSY 291* _____		

*\*Students who declare the psychology major after they transfer credit for PSY 292 or complete PSY 292 at UM can use PSY 292 as a substitute for PSY 291.*

*Note: Only 6 credits of PSY 280, 380, 480, and/or 581 may count toward the major; PSY 580 cannot count toward the major.*

*Note: The following courses do not count toward the major: PSY 106, 190, 206, and 306. Students must earn a minimum grade of C- in a PSY course to count.*

### Minor (Approximately 15-18 credits)

All psychology majors who pursue a B.S. degree must complete a minor in Biochemistry, Biology, Chemistry, Computer Science, Engineering, Geological Sciences, Marine Science, Mathematics, Microbiology & Immunology, or Physics.

*Note: Students who complete a second major in one of these fields are not required to complete a minor.*

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

### Writing Requirement

Four writing intensive courses beyond the courses used to fulfill the English Composition requirement must be completed and at least one of the courses must be from your discipline of study as determined by your major department. These courses are listed as "Writing" under "Class Attributes" on the CaneLink course search function. Transfer students must complete at least two of the four writing intensive courses at the University of Miami.

PSY 390 \_\_\_\_\_  PSY 490 \_\_\_\_\_  PSY 400 level \_\_\_\_\_  \_\_\_\_\_

### Electives & Prerequisites

A minimum of 120 credits are required to complete the B.S. degree as a psychology major. Courses listed on the "Courses not Accepted Toward a Degree in the College of Arts and Sciences" handout do not count toward the B.S. degree.

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Requirements for the Bachelor of Science (B.S.) Degree (NEUR)****2017-2018****Areas of Proficiency****English Composition (6 credits)**

ENG 105 and 106 or 107 must be completed. (3) \_\_\_\_\_

*Note: Transfer students who transfer credit for only one of these courses may take ENG 208 to complete the remaining requirement.* (3) \_\_\_\_\_*Students can also be waived from ENG 105 by SAT or ACT verbal scores. Credit is not awarded for ENG 105 waivers.***Mathematics (11-15 credits)**

Completion of one of the following calculus sequences is required: MTH 140/141/162, MTH 161/162, or MTH 171/172. (4) \_\_\_\_\_

Three credits in a computing or statistics course must also be completed after approval from the department. (4) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Mathematics requirement; they will count as electives.* (3) \_\_\_\_\_**Language (3 credits)**

Three credits in a language (other than English) at the 200 level or higher must be completed. (3) \_\_\_\_\_

*Note: Prerequisites taken to enter these courses do not count toward the Language requirement; they will count as electives. These prerequisite courses may not be used in the cognates to fulfill the Areas of Knowledge requirements below.***Areas of Knowledge (Cognates)**

Cognates are groups of "at least three courses for at least nine credits" centered on a specific topic or theme. Students must complete at least one cognate in each of the three primary Areas of Knowledge: Arts & Humanities, People & Society, and Science, Technology, Engineering, & Mathematics (STEM). Each cognate must have a different Responsible Academic Unit. Majors and minors can be used to fulfill the cognates (see "Major Options" and "Minor Options" handouts for cognate designations), but courses taken to fulfill the Areas of Proficiency cannot be used to fulfill the cognates. Courses can also be part of multiple cognates but cannot be used to fulfill the requirements of multiple cognates. See <http://www.miami.edu/cognates/> for more information and the official cognate search engine.

**Arts & Humanities (9 credits minimum)**Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_**People & Society (9 credits minimum)**Title: \_\_\_\_\_ Required credits: \_\_\_\_\_ Check one:  Major  Minor  Other cognate \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_**Science, Technology, Engineering, & Mathematics (STEM; 9 credits minimum)**Title: Neuroscience (NEUR) Required credits: Roughly 73 Check one:  Major  Minor  Other cognate Major Requirements  Major Requirements  Major Requirements  Major Requirements  Major Requirements**Natural Science (0-3 credits)**All students must complete at least three credits from one of the following disciplines **unless these credits are part of a cognate, major, or minor:** Biology, Chemistry, Geological Sciences, or Physics. (3) N/A*Note: These credits must be earned in courses that count toward a major in the chosen department.***Major in Neuroscience (NEUR)**

**Grade Point Average:** Students must have a minimum 1300 SAT, 30 ACT, or 3.5 combined, UM, and neuroscience GPA after 24 completed credits at UM to declare the major (*Note: At least 7 of these 24 credits must be in the BIL, CHM, or MTH courses required of the major and/or the degree*). Students are strongly advised not to continue with the major if they have less than a 2.8 neuroscience GPA after 15 completed credits in the major. Students must earn a minimum 2.6 neuroscience GPA to graduate with the major. *AP credit for Statistics (i.e., PSY 292) cannot count toward the psychology major.*

**Prerequisites:** Students must adhere to all prerequisites. They are also required to earn a minimum grade of C- in any course that is to serve as a prerequisite for another course in the neuroscience major. Students who enroll in NEU courses without the specified prerequisites may be dropped.

**Required Coursework:**

BIL 150/151	PSY 110	NEU 342	Choose one option		Choose one option		Choose one option	
BIL 160/161	PSY 290	NEU 403	Option 1	Option 2	Option 1	Option 2	Option 1	Option 2
BIL 250	PSY 291*		PSY elective**	BIL elective***	PHY 101/106	PHY 205	CHM 111/113	CHM 121/113
BIL 255 or BIL 259	PSY 390	Choose one class	BIL elective***	BIL elective***	PHY 102/108	PHY 206/208	CHM 112/114	CHM 221/114
BIL 268	PSY 425	NEU 400				PHY 207/209	CHM 201/205	CHM 222/205
		NEU 440					CHM 202/206	CHM 206
		NEU 465						
		NEU 468						

*\*Students who declare the neuroscience major after they transfer credit for PSY 292 or complete PSY 292 at UM can use PSY 292 as a substitute for PSY 291.**\*\*PSY electives must be chosen from: PSY 240, 320, 345, 391, 426, or 491.**\*\*\*BIL electives must be chosen from: BIL 267, 330, 360, 365, 441, 455, 511, 520, or 568; BMB 401; MIC 301 or 303 and 304; NEU 342, 400, 440, 465, or 468.**Note: NEU courses cannot double count for a BIL elective and another required course within the major.**Note: The following courses do not count toward the major: NEU 190, 280, 380, 480, 580, and 581; PSY 106, 190, 206, 280, 306, 380, 480, 580, and 581.**Note: Students must earn a minimum grade of C- in any course to count it toward the major.***Minor (Approximately 15-18 credits)**

All neuroscience majors must complete a minor in Biochemistry, Chemistry, Computer Science, Engineering, Geological Sciences, Marine Science, Mathematics, Microbiology & Immunology, or Physics. *Note: Students who complete a second major in one of these fields are not required to complete a minor.*

 \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_**Writing Requirement**

Four writing intensive courses beyond the courses used to fulfill the English Composition requirement must be completed and at least one of the courses must be from your discipline of study as determined by your major department. These courses are listed as "Writing" under "Class Attributes" on the CaneLink course search function. Transfer students must complete at least two of the four writing intensive courses at the University of Miami.

 PSY 390  NEU 403  \_\_\_\_\_  \_\_\_\_\_**Electives & Prerequisites**

A minimum of 130 credits are required to complete the B.S. degree as a neuroscience major. Courses listed on the "Courses not Accepted Toward a Degree in the College of Arts and Sciences" handout do not count toward the B.S. degree.

 \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

## Requirements for a Second Major or a Minor in Psychology

2017-2018

A second major or a minor in psychology can help you develop the analytical, writing, verbal, and organizational skills that are useful in any field. We encourage you to visit the office of Undergraduate Academic Services in Psychology (UASP) at least once each semester to see an advisor and make sure you are on track for graduation. Please feel free to stop by Flipse 508 any time between 9:00 a.m. and 4:30 p.m., Monday through Friday, or call (305) 284-3303 if you have questions for our advising staff.

### Second Major Requirements (33 credits)

Students in the **School of Architecture, School of Business Administration, School of Communication, School of Education and Human Development, and Frost School of Music**

PSY 110 _____	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 300 level _____	
	PSY 290 _____		
	PSY 291* _____		

Students in the **College of Engineering, Rosenstiel School of Marine and Atmospheric Science, and School of Nursing and Health Studies**

PSY 110 _____	PSY 200 level _____	PSY 300 level _____	PSY 400/500 level _____
	PSY 200 level _____	PSY 390 _____	PSY 400 level (Writing) _____
	PSY 200 level _____		PSY 490 _____
	PSY 290 _____		
	PSY 291* _____		

\*Students who declare the psychology major after they transfer credit for PSY 292 or complete PSY 292 at UM can use PSY 292 as a substitute for PSY 291. AP credit for Statistics (i.e., PSY 292) cannot count toward the psychology major.

Note: Only 6 credits of PSY 280, 380, 480, and/or 581 may count toward the major; PSY 580 cannot count toward the major.

Note: The following courses do not count toward the major: PSY 106, 190, 206, and 306.

Note: Students must earn a minimum grade of C- in a PSY course to count it toward the major.

### Minor in Psychology (15 credits)

PSY 110 _____	PSY 200+ level _____
	PSY 200+ level _____
	PSY 200+ level _____
	PSY 291 or 292 _____

Note: Only 3 credits of PSY 280, 380, and/or 480 may count toward the minor; PSY 580 cannot count toward the minor.

Note: The following courses do not count toward the minor: PSY 106, 190, 206, and 306.

Note: Students must earn a minimum grade of C- in a PSY course to count it toward the minor.

### Grade Point Average

**Major:** Students must have a minimum 2.8 combined, UM, and psychology GPA to declare the major. Students are strongly advised not to continue with the major if they have less than a 2.5 psychology GPA after 15 completed credits in psychology. Students must earn a minimum 2.3 psychology GPA to graduate with the major.

**Minor:** Student must earn a minimum 2.0 psychology GPA to graduate with the minor.

### Prerequisites

Students must adhere to all prerequisites. They are also required to earn a minimum grade of C- in any PSY course that is to serve as a prerequisite. Students who enroll in PSY courses without the specified prerequisites may be dropped.

### Residency Requirement

**Major:** Students must complete all 300, 400, and 500 level psychology courses in residence, and only 6 of these credits may be taken through a UM Study Abroad Program with prior written approval.

**Minor:** Students must complete at least 9 of the 15 minor credits in residence, and only 3 of these credits may be taken through a UM Study Abroad Program with prior written approval.

### Graduate School in Psychology

Students interested in attending graduate school in psychology should consider taking the following courses:

- **PSY 280, 380, and/or 480** – Introduction to Research Projects I, II, and/or III
- **PSY 290** – Introduction to Research Methods (*Note: This class is required of all psychology majors. Only psychology majors may enroll in this course.*)
- **PSY 291 or 292** – Introduction to Biobehavioral Statistics (*Note: This class is required of all psychology majors and minors.*)
- **PSY 390** – Intermediate Research Methods and Biobehavioral Statistics
- **PSY 391** – Tests and Measurements
- **PSY 490** – Advanced Research Methods (*Note: This class is reserved for students on a B.S. track.*)
- **PSY 491** – Advanced Biobehavioral Statistics

If you have questions about graduate programs in psychology, stop by the UASP office to speak with an academic advisor.

See the Example below:

### Major Options in the College of Arts and Sciences for 2015-2016

	A&H	P&S	STEM
College of Arts and Sciences			
Africana Studies	x	x	
American Studies	x	x	
Anthropology		x	x
Art	x		
Art History	x		
Biochemistry & Molecular Biology			x
Biochemistry & Nutrition			x
Biology			x
Chemistry – B.A.			x
Chemistry – B.S.			x
Chemistry – Certified B.S.			x
<b>Classics*</b>	Specify one of the following tracks:		
Classical Civilization	x	x	
Greek	x	x	
Latin	x	x	
Latin and Greek	x	x	
Undeclared	x	x	
<b>Computer Science*</b>	Specify one of the following tracks:		
Comprehensive			x
Computational Science			x
Computer Science – B.A.			x
Cryptography and Security			x
Flexible			x
Graphics and Games			x
5 Year Bachelor's/Master's			x
Criminology		x	
Economics		x	x
Ecosystem Science & Policy**		x	x
<b>English*</b>	Specify one of the following tracks:		
British Literary History	x		
Creative Writing	x		
English Literature	x		
Women's Literature	x		
Elementary Education		x	
French	x	x	
Geography & Regional Studies		x	x
Geological Sciences			x

	A&H	P&S	STEM
German	x	x	
History	x		
International Studies		x	
Judaic Studies	x	x	
Latin American Studies	x	x	
<b>Mathematics*</b>	Specify one of the following tracks:		
Applied Analysis			x
Computational Mathematics			x
Core Mathematics			x
Mathematical Economics			x
Probability and Statistics			x
Secondary School Teaching			x
Microbiology & Immunology			x
Neuroscience*			x
Philosophy	x	x	
<b>Physics*</b>	Specify one of the following tracks:		
Applied			x
Pure			x
Political Science		x	
Psychology – B.A.		x	
Psychology – B.S.		x	x
Religion & Healthcare	x	x	
Religious Studies	x	x	
Secondary Education*†‡		x	
Sociology		x	
Spanish	x	x	
Theatre Arts	x		
Women & Gender Studies		x	

\* Must specify a track within the major.  
 \*\* An additional major is required from an approved list.  
 † Can only be a second major.  
 ‡ Can only be a first major.  
 Note: These items are subject to change. Always consult your bulletin or the appropriate academic advisor for the most current information.



## Minor Options in the College of Arts and Sciences for 2015-2016

	A&H	P&S	STEM
College of Arts and Sciences			
Aerospace Studies		x	
Africana Studies		x	
American Studies	x	x	
Anthropology		x	x
Arabic Studies	x	x	
Art	x		
Art History	x		
Biochemistry			x
Biology			x
Chemistry			x
Classics	x	x	
Computer Science			x
Criminology		x	
Economics		x	
Ecosystem Science & Policy		x	x
English	x		
French	x	x	
Geography & Regional Studies		x	x
Geological Sciences			x
German	x	x	
History	x		
International Studies		x	
Italian	x	x	
Judaic Studies	x	x	
Latin American Studies	x	x	
Lesbian/Gay/Bisexual/ Transgender/Queer Studies		x	
Mathematics			x
Medical Humanities	x		
Microbiology & Immunology			x
Military Science		x	
Modern Languages & Literature*	x	x	
Philosophy	x	x	
Physics			x
Political Science		x	
Portuguese	x	x	
Psychology		x	

	A&H	P&S	STEM
Religion & Healthcare	x	x	
Religious Studies	x	x	
Sociology		x	
Social Science & Medicine		x	
Spanish	x	x	
Theatre Arts	x		
Urban Studies		x	
Women & Gender Studies		x	

\* Must specify any two language tracks to complete the minor.  
 Note: These items are subject to change. Always consult your bulletin or the appropriate academic advisor for the most current information.



### Minor Options in Other Colleges/Schools for 2015-2016

	A&H	P&S	STEM
<b>School of Architecture</b>			
Architecture	x		x
<b>School of Business Administration</b>			
Business Law		x	
Business Technology			x
Entrepreneurship		x	
Finance			x
Health Sector Management & Policy		x	
Management		x	
Marketing		x	
<b>School of Communication</b>			
<b>Advertising*</b>	Specify one of the following tracks:		
Creative	x	x	
Business		x	
Broadcast Journalism			x
Communication Studies	x		
Electronic Media		x	
General Communication		x	
Health Communication		x	
Interactive Media	x		
Journalism		x	
Media Management		x	
Motion Pictures		x	
Public Relations		x	
Strategic Communication***			
<b>School of Education and Human Development</b>			
Education		x	
Exercise Physiology			x
Family & Human Services		x	
Jewish Education		x	
Leadership		x	
Professional Training		x	
Sports Administration		x	
Sports Medicine		x	

	A&H	P&S	STEM
<b>College of Engineering</b>			
Civil & Architectural Engineering			x
Electrical & Computer Engineering			x
Environmental Engineering			x
Industrial Engineering			x
Mechanical Engineering			x
<b>Frost School of Music</b>			
Dance	x		
Music	x		
Music Business & Entertainment		x	
<b>School of Nursing and Health Studies</b>			
Health Communication		x	
Nursing & Public Health		x	
<b>Rosenstiel School of Marine and Atmospheric Science</b>			
Marine Policy		x	
Marine Science**		x	x
Meteorology**			x

\*\* Must have a B.S. degree.

\*\*\* Students majoring in Advertising (all tracks) and Public Relations may not minor in Strategic Communication.

Note: These items are subject to change. Always consult your bulletin or the appropriate academic advisor for the most current information.



## Courses not Accepted Toward a Degree in the College of Arts & Sciences

The following courses do not count toward the 120 credits required to graduate from UM for psychology majors or the 130 credits for neuroscience majors. Credits and quality points earned are computed in a student's totals but the number of credits needed to graduate will be increased by the number of credits earned in any of the following courses (e.g., should a student take ESS 124, total credits needed to graduate will be increased to 123).

For the most up-to-date information on courses that do not count toward graduation, we encourage you to speak with the College of Arts and Sciences personnel in Ashe 200. Seniors, remember to request a Senior Credit Check from Marian Dahman at the beginning of your senior year. It is your responsibility to verify you have completed your requirements.

Course	Credits	Description
DAN 101	1	Aerobic Dance
DAN 102	1	Stretching and Body Work
DAN 103	1	Fitness Dance Low Weight/High Repetition I
DAN 104	1	Fitness Dance Low Weight/High Repetition II
ENG 103	3	Basic Writing Skills
EPS 328	1-3	Field Experience in Community Services
* EPS 499	1-3	Individual Study
* EPS 509	1-6	Field Studies in Education
* EPS 590-599	1-3	Workshop in Education
ESS 101	1	Physical Fitness
ESS 120	1	Tennis
ESS 122	2	Golf
ESS 123	2	Swimming and Lifesaving
ESS 124	3	Scuba
ESS 140	2	Introduction to Athletic Training
ESS 141	1	Athletic Training Lab
ESS 145	3	Responding to Emergencies
ESS 210	2	Foundation to Athletic Training
ESS 230	1	Medical Terminology and Documentation
ESS 235	2	Personal and Community Health
ESS 250	2	Orthopedic Assessment – Lower Extremity
ESS 251	1	Orthopedic Assessment – Lower Extremity Lab
ESS 260	2	Orthopedic Assessment – Upper Extremity
ESS 261	1	Orthopedic Assessment – Upper Extremity Lab
ESS 443	2	Clinical Athletic Training Lab I
ESS 444	2	Clinical Athletic Training Lab II
ESS 454	3	Trainer's Procedures in Athletics
ESS 455	2	Clinical Athletic Training Lab III
ESS 456	2	Clinical Athletic Training Lab IV
ESS 457	1-6	Field Experience in Exercise and Sport Sciences
ESS 458	1-6	Field Experience in Exercise and Sport Sciences
ESS 475	3	Organization/Administration of Athletic Training
** ESS 495/496	1-3	Individual Study
ESS 497	1-3	Undergraduate Field Experience in ESS
ESS 498	1-3	Undergraduate Field Experience in ESS
ESS 523/524	3	Advanced Techniques in Athletic Training, I & II
ESS 563	3	Seminar in Coaching
ESS 564	3	Seminar in Coaching
MSC 201	3	Research Diving Techniques
MTH 099	3	Intermediate Algebra
* MGT 498	1-6	Special Topics
* MGT 598	1-6	Selected Topics
* MGT 599	1-6	Directed Studies
* TAL 591-599	1-6	Workshop in Education
TAL 599	1-6	Student Literacy Corps

\* Acceptance towards degree depends on course content. A syllabus and a detailed course description must be provided to determine eligibility of the course.

\*\* Accepted towards degree only when taken as part of Exercise Physiology major.



**Psychology Curriculum Changes Effective Fall 2013  
New Course Structure**

**PSYCHOLOGY COURSES**

Old Course Number	Course Number	Title	Credits	Prerequisite	Semesters Offered		
					Fall	Spring	Sum. I Sum. II
<b>200 Level</b>							
UMX 100	PSY 106	FACT	1	1st semester freshman; UASP permission	x		
110	Intro. to Psy.		3		x		x
175	Special Topics		1-3		Announcement only		
120	FORUM		1	2nd semester freshman; UASP permission		x	
<b>200 Level</b>							
365	206	TUMS	1	C- or higher in PSY 110; 1st semester transfer student; UASP permission	x	x	
201	210	Social Psy.	3	C- or higher in PSY 110	x	x	
202	220	Psychobiology	3	C- or higher in PSY 110	x	x	
203	230	Child and Adolescent Development	3	C- or higher in PSY 110	x	x	x
352	240	Abnormal Psy.	3	C- or higher in PSY 110	x	x	
207	250	Cognitive Psy.	3	C- or higher in PSY 110	x	x	
209	260	Personality Psy.	3	C- or higher in PSY 110	x	x	
261	270	Industrial and Organizational Psy.	3	C- or higher in PSY 110	x	x	
215	271	Stress Management	3	C- or higher in PSY 110	x	x	
281	275	Special Topics	1-3	C- or higher in PSY 110	Announcement only		
295-297	276-279	Studies in Psy.	1-3	C- or higher in PSY 110	Announcement only		
367	280	Intro. to Research Projects I	1-3	C- or higher in PSY 110; Faculty permission; UASP permission	Not offered/TR Credit Only		
316	290	Intro. to Research Methods	3	C- or higher in PSY 110; <b>PSY</b> or <b>NEU</b> major; MTH 101 or mathematics placement above MTH 101; <b>PSY 291 (co-requisite)</b>	x	x	x
204	291	Intro. to Biobehav. Stats.	3	C- or higher in PSY 110; <b>PSY</b> or <b>NEU</b> major; MTH 101 or mathematics placement above MTH 101; <b>PSY 290 (co-requisite)</b>	x	x	x
204	292	Intro. to Biobehav. Stats. for Non-Majors	3	C- or higher in PSY 110; MTH 101 or mathematics placement above MTH 101	x	x	x
<b>300 Level</b>							
306	Intro. to Research and Graduate School		1	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292; UASP permission	Announcement only		
333	310 *	Attitudes and Persuasion	3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	Announcement only		
417	311 *	Emotion	3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	x	x	
301	312	Psy. of Gender	3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	x	x	x
313	Romantic Relationships		3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	Announcement only		
305	320 *	Psy. of Drugs and Behavior	3	2.5 PSY GPA; 12 PSY credits, including PSY 220 and 291 or 292	x	x	
343	330	Psy. of Language Development	3	2.5 PSY GPA; 12 PSY credits, including PSY 230 and 291 or 292	Announcement only		
342	331	Psy. of Adulthood and Aging	3	2.5 PSY GPA; 12 PSY credits, including PSY 230 and 291 or 292	x	x	
440	345	Abnormal Child Psy.	3	2.5 PSY GPA; 12 PSY credits, including PSY 230 and 291 or 292	x	x	x
340	355	Psy. of Thinking and Learning in Children	3	2.5 PSY GPA; 12 PSY credits, including PSY 230 and 291 or 292	x	x	
441	356 *	Psy. of Intellectual and Developmental Disabilities	3	2.5 PSY GPA; 12 PSY credits, including PSY 230 and 291 or 292	Announcement only		
416	360	Personality Theory	3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	x	x	
350	370 *	Psy. of Human Sexual Behavior	3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	Announcement only		
381	375	Special Topics	1-3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	Announcement only		
395-396	376-379	Studies in Psy.	1-3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292	Announcement only		
368	380	Intro. to Research Projects II	1-3	2.5 PSY GPA; 12 PSY credits, including PSY 291 or 292; UASP and faculty permission	x	x	x
390†	390†	Interned. Research Methods and Biobehav. Stats. (W)	3	2.5 PSY GPA; 12 PSY credits, including PSY 290 and 291 or 292	x	x	
332	391	Tests and Measurements	3	2.5 PSY GPA; 12 PSY credits, including PSY 290 and 291 or 292	Announcement only		

**Psychology Curriculum Changes Effective Fall 2013  
New Course Structure**

400 Level	Course Number	Title	Credits	Prerequisite	Announcement only
475	410	Social Interaction Processes (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 210, 291 or 292, and 390	Announcement only
475	411	Relationships and Health (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390	Announcement only
402	425	Psychobiology	3	2.5 PSY GPA; 15 PSY credits, including PSY 220, 290, and 291 or 292	x
420	426	Health Psy.	3	2.5 PSY GPA; 15 PSY credits, including PSY 220, 290, and 291 or 292	Announcement only
344	430	Psy. of Infancy (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 230, 291 or 292, and 390	Announcement only
341	431	Psy. of Social and Emotional Development (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 230, 291 or 292, and 390	x
432	432	Prenatal Development	3	2.5 PSY GPA; 15 PSY credits, including PSY 230, 290, and 291 or 292	Announcement only
455	455	Evolution and Sex	3	2.5 PSY GPA; 15 PSY credits, including PSY 290, and 291 or 292	Announcement only
450	460	Psy. of Religion (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390; REL 101	Announcement only
414	461	Motivation	3	2.5 PSY GPA; 15 PSY credits, including PSY 290, and 291 or 292	Announcement only
501	470	History and Systems of Psy. (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390	Announcement only
481	474	Special Topics	1-3	2.5 PSY GPA; 15 PSY credits, including PSY 290, and 291 or 292	Announcement only
495-496	476-479	Studies in Psy.	1-3	2.5 PSY GPA; 15 PSY credits, including PSY 290, and 291 or 292	Not offered/TR Credit Only
480	480	Research with Writing Credit (W)	1-3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390; UASP and faculty permission	x
418	490	Advanced Research Methods (W)	3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390; Senior standing, PSY's major	x
444	491	Advanced Biobehav. Stats.	3	2.5 PSY GPA; 15 PSY credits, including PSY 291 or 292, and 390	x

500 Level	Course Number	Title	Credits	Prerequisite	Announcement only
520	520	Psychoneuroimmunology	3	2.8 PSY GPA; 18 PSY credits, including PSY 390	Announcement only
502	540	Culture, Values, Religiosity, and Mental Illness	3	2.8 PSY GPA; 18 PSY credits, including PSY 240 and 390	Announcement only
590	575	Special Topics	1-3	2.8 PSY GPA; 18 PSY credits, including PSY 390	Announcement only
498	580	Senior Honors in Psy. I (H)	3	3.5 major GPA; 3.3 Combined GPA; PSY or NEU major; 18 PSY credits, including PSY 390; UASP and faculty permission	x
499	581	Senior Honors in Psy. II (H)	3	18 PSY credits, including PSY 580; UASP and faculty permission	x

**ALTERNATIVE PREREQUISITE OPTIONS**

Symbol	Course Number	Title	Credits	Prerequisite
*	310	9 credits in PSY, including PSY 291 or 292; 3 credits in MKT, CAD, COM, COS, CNJ, CPR, or CVJ		
.	311	9 credits in PSY, including PSY 291 or 292; 3 credits in BLI		
♣	320	9 credits in PSY, including PSY 291 or 292; 3 credits in BLI 150 (or above) or CHM 111 (or above)		
♠	356	9 credits in PSY, including PSY 230, and 291 or 292; 3 credits in BLI or TAL courses		
♠	370	9 credits in PSY, including PSY 291 or 292; 3 credits in BLI 150 (or above), CHM 103 (or above), or HCS 212		
†	390	12 credits in PSY, including PSY 290, and 291 or 292; BIL 268 or NEU 280, 380, or 480		
♠	425	12 credits in PSY, including PSY 290, and 291 or 292; BIL 150		

Note: Course offering may vary due to faculty availability.

Note: Undergraduate students may not take courses at the 600 level or higher as these courses are reserved for graduate students.

**NEUROSCIENCE COURSES**

Old Course Number	Course Number	Title	Credits	Prerequisite	Semesters Offered		
					Fall	Spring	Sum. II
120	190	FORUM	1	UASP permission; 2nd semester freshman		x	
367	280	Intro. to Research Projects I	1-3	UASP and faculty permission	x	x	x
342	342	Neural Mechanisms of Disease	3	BIL 268 or PSY 220	x	x	
368	380	Intro. to Research Projects II	1-3	UASP and faculty permission; PSY 291 or 292; 2.5 NEU GPA	x	x	x
403	403	Neuroscience Laboratory	4	PSY 390; BIL 268 or PSY 425 (pre- or co-requisite); Senior standing	x	x	
440	440	Neural Mechanisms of Psychiatric Disorders	3	UASP permission; BIL 268 or PSY 220	x	x	
465	465	Cellular and Molecular Neuroscience	3	BIL 255; BIL 268 or PSY 220; CHM 202	x	x	
468	468	Developmental Neuroscience	3	BIL 255; BIL 268 or PSY 220; CHM 202	x	x	
480	480	Research with Writing Credit (W)	1-3	UASP and faculty permission; PSY 390; 2.5 NEU GPA	x	x	x
498	580	Senior Honors in Neuroscience I (H)	3	3.5 major GPA; 3.3 Combined GPA; PSY or NEU major; PSY 390; UASP and faculty permission	x	x	x
499	581	Senior Honors in Neuroscience II (H)	3	UASP and faculty permission; NEU 580	x	x	x

## Typical Schedule of Course Offerings in Biology

Course	Credits	Course Title	Prerequisites or Corequisites	Fall	Spring	Summer	
						I	II
BIL 150	4	General Biology	Coreq. BIL 151, ENG 105, and MTH 101, 105 or 107	x		x	
BIL 151	1	General Biology Laboratory	Coreq. BIL 150	x		x	
BIL 160	4	Evolution and Biodiversity	Coreq. BIL 161, ENG 104, and MTH 101, 105, or 107		x		x
BIL 161	1	Evolution and Biodiversity	Coreq. BIL 160		x		x
BIL 210	4	Human Anatomy	One year of general biology with labs	x			
BIL 215	3	Human Physiology	BIL 210 or HSC 210		x		
BIL 241	3	Animal Behavior	One year of general biology with labs	x	x		
BIL 250	3	Genetics	One year of general biology with labs	x	x	x	
BIL 255	3	Cellular and Molecular Biology	One year of general biology with labs	x	x	x	x
BIL 261	4	Comparative Vertebrate Anatomy	One year of general biology with labs	by announcement only			
BIL 265	3	Comparative Physiology	One year of general biology with labs	x	x		
BIL 268	3	Neurobiology	One year of general biology with labs	by announcement only			
BIL 330	3	Ecology	BIL 250; Calculus strongly recommended	x	x		
BIL 341	3	Behavioral Physiology	BIL 265 or permission of instructor	by announcement only			
BIL 345	3	Behavioral Endocrinology	BIL 365	by announcement only			
BIL 355	3	Developmental Biology	BIL 250 and BIL 255	by announcement only			
BIL 360	3	Comparative Physiology	BIL 255	x	x		
BIL 361	3	Cytology and Histology	One year of general biology with labs	by announcement only			
BIL 365	3	Endocrinology	One year of general biology and chemistry with labs	by announcement only			
BIL 369	3	Fundamentals of Biology of Aging	BIL 250, BIL 255, or BIL 265	by announcement only			
BIL 455	3	Developmental Biology	BIL 250 and BIL 255	x			
BIL 511	3	Biometry	One semester of statistics and one year of calculus	by announcement only			
BIL 520	3	Evolution	BIL 250	by announcement only			
BIL 530	3	Population Genetics	BIL 251 and one year of calculus	by announcement only			
BIL 540	3	Ethology and Behavioral Ecology	BIL 330 and either BIL241 or 341 or instructor permission	by announcement only			

## Typical Schedule of Course Offerings in Biochemistry

Course	Credits	Course Title	Prerequisites or Corequisites	Fall	Spring	Summer	
						I	II
BMB 260	3	Intro. to Biochemistry and Nutrition	CHM 112 (but CHM 201 preferred)		x		
BMB 401	3	Biochemistry for Medical Sciences	B- or higher in CHM 202	x	x		
BMB 506	1	Biomedical Case Studies	B- or higher in CHM 202	x			

## Typical Schedule of Course Offerings in Chemistry

Course	Credits	Course Title	Prerequisites or Corequisites	Fall	Spring	Summer	
						I	II
CHM 111	3	Principles of Chemistry I	Prereq. or Coreq. MTH 105 or MTH 107	x	x	x	
CHM 112	3	Principles of Chemistry II	CHM 111 or CHM 151	x	x		x
CHM 113	1	Chemistry Laboratory I	Prereq. or Coreq. CHM 111	x	x	x	
CHM 114	1	Chemistry Laboratory II	Prereq. or Coreq. CHM 112	x	x		x
CHM 121	4	Chemistry for the Biosciences I	Prereq. or Coreq. MTH 105 or MTH 107	x			
CHM 201	3	Organic Chemistry I	CHM 112	x	x	x	
CHM 202	3	Organic Chemistry II	CHM 201	x	x		x
CHM 205	1	Organic Chemistry Laboratory I	Prereq. or Coreq. CHM 201	x	x	x	
CHM 206	1	Organic Chemistry Laboratory II	Prereq. or Coreq. CHM 202	x	x		x
CHM 221	4	Chemistry for the Biosciences II	CHM 121		x		
CHM 222	4	Chemistry for the Biosciences III	CHM 221	x			

Note: Course offerings may vary due to faculty availability.

## Typical Schedule of Course Offerings in Microbiology

Course	Credits	Course Title	Prerequisites or Corequisites	Fall	Spring	Summer	
						I	II
MIC 301	5	Intro. to Microbio. and Immunology	CHM 111 and BIL 150/151. Corequisite: MIC 301 Lab		x		
MIC 303	3	Intro. to Microbio and Immunology I	CHM 111 and BIL 150/151		x		
MIC 304	2	Intro. to Microbio and Immunology	CHM 111, BIL 150/151, and MIC 303	x			

## Typical Schedule of Course Offerings in Physics

Course	Credits	Course Title	Prerequisites or Corequisites	Fall	Spring	Summer	
						I	II
PHY 101	4	College Physics I	MTH 108 or MTH 105	x	x	x	
PHY 102	4	College Physics II	PHY 101	x	x		x
PHY 106	1	College Physics Laboratory I	Prereq. or Coreq. PHY 101	x	x	x	
PHY 108	1	College Physics Laboratory II	Prereq. or Coreq. PHY 102	x	x		x
PHY 201	4	University Physics I: Life Sciences	MTH 162 or MTH 172	x			
PHY 202	4	University Physics II: Life Sciences	PHY 201		x		
PHY 205	3	University Physics I	Prereq. or Coreq. MTH 141 with B or higher in MTH 108	x	x	x	
PHY 206	3	University Physics II	PHY 205; Prereq. or Coreq. MTH 162 or MTH 172	x	x		x
PHY 207	3	University Physics III	PHY 205 and MTH 162 or MTH 172	x	x	x	
PHY 208	1	University Physics Laboratory II	Prereq. or Coreq. PHY 206	x	x		x
PHY 209	1	University Physics Laboratory III	Prereq. or Coreq. PHY 207	x	x	x	

Note: Course offerings may vary due to faculty availability.

## **Study Abroad Questions and Answers**

### **What is study abroad?**

Through the Study Abroad office, University of Miami students have the opportunity to study in different countries around the world including, Argentina, Australia, Brazil, Chile, China, Denmark, Ecuador, England, France, Germany, Iceland, Israel, Italy, Japan, Mexico, Monaco, the Netherlands, Scotland, Slovenia, Spain, Sweden, Switzerland, Turkey, and Wales. The University of Miami maintains direct exchange agreements with over 50 partner institutions in these countries.

### **Why study abroad?**

Studying abroad gives you the opportunity to gain valuable life and study experiences while earning University of Miami academic credits. An extended trip to another country gives you the opportunity to learn more about countries and cultures different from your own. Study abroad can help you gain insight about international, national, local, personal, and social issues. Studying abroad can be an important augmentation to your Liberal Arts Education.

### **When can I study abroad?**

Programs of study are available during the fall and spring semesters and during the summer. Sophomores, juniors, or seniors may study abroad.

### **How do the courses count?**

Courses offered differ depending on the institution and the country. You will want to sit down with a study abroad advisor as well as with the psychology or neuroscience Advisor when you start making your plans. Most courses offered in the study abroad programs can apply to your major, minor, general education, or elective credits. You will need to have study abroad courses approved by the department in which you want credit for the course (a process similar to that which you would do to obtain any transfer credit).

### **What about language requirements?**

More than half of the programs offer coursework taught in English, even in countries where the native language is different. Other opportunities are available to enhance your foreign language skills.

### **How do I apply?**

First, check out UM study abroad program online at [www.miami.edu/studyabroad](http://www.miami.edu/studyabroad). Then make an appointment to speak with an advisor in the Study Abroad office in Building 21, Room D, (305) 284-3434. Applications are available online or in the office.

### **What do I need to complete my application?**

A completed application with one-page essay, official UM transcript, and two faculty recommendations submitted to Study Abroad. While deadlines may vary by program, applications for the spring are normally due October 1<sup>st</sup> and applications for the fall and summer are normally due March 1<sup>st</sup>.

### **What are the costs?**

Your regular UM tuition covers the cost of the courses, and all financial aid, grants, and scholarships remain effective. Extra charges include travel, room and board, books, and a small fee to Study Abroad.

### **Are there travel stipends available for study abroad?**

Yes! You can apply for travel awards that range from \$250 - \$2000. Awards are made on the basis of academic merit, financial need, duration of program, and expense of the travel to the site. Contact Study Abroad for details. Deadline is October 1 for Spring, and March 1 for Fall and Summer.

UNIVERSITY OF MIAMI

TRANSFER/ADVANCED CREDIT EVALUATION

NOTE: This Evaluation is only tentative. If it is not revised by your academic dean it will become final after your second semester of attendance.

NAME: First Name Last Name ID NUM: C00-00-0000
ADDRESS: Street Address ENTRY TERM: FALL 2013
City, State Zip Code COLLG/SCHL: College of Arts and Science
LEVEL: UNDERGRADUATE
MAJOR: Psychology

CREDIT SOURCE CODE: XXXXXX NAME: Florida International University
DEGREE/DATE: AA 5 8 13

Table with 5 columns: COURSE, TITLE/SUBJECT AREA, CREDIT, GRADE, TERM. Rows include MTH 11T, SOC 101, ENG 105, PSY, MTH, HUM, and summary rows for total credits from source and grand total credit.

DATE: 6/28/2013

## Psychology Transfer Credit Policy

### New Transfer Students

Students entering UM with psychology course credit from another institution must have those credits evaluated in writing by the office of Undergraduate Academic Services for Psychology in order to have those courses count toward the psychology major, minor, or psychology courses specified for other programs. Equivalency is established by meeting **all** three of the following criteria:

1. same/similar prerequisite
2. same/similar course content
3. same/similar credit hours

The following documentation is needed in order to evaluate a course

1. the Bulletin or course catalog pages from the previous institution showing the name of the school, course number, content and prerequisite(s).
2. a transcript or report card (need not be official) showing the name of the school, course number, and grade; only grades of C or better will be accepted.
3. the Transfer/Advanced Academic Credit form from UM (This form was part of your matriculation package).

### Current UM Students

Students currently enrolled at UM are subject to the same criteria establishing equivalency. They only need to provide a copy of the relevant Bulletin (course catalogue) pages. Current UM students must obtain equivalency **before** attending the other institution.

All students must complete a College of Arts and Sciences Equivalency Evaluation Form and return the completed form with necessary signatures to their primary advisor.

### **Remember...**

- Transfer courses in psychology must be evaluated within the first year upon arrival/return to UM
- PSY Residency rule: 15 PSY credits for BA, 17 PSY credits for BS, a minimum of 9 at the 300+ level and 6 at the 400+ level
- Keep copies of all documentation submitted

Note: Statistics (PSY 291) is an algebra-based course and has a prerequisite of college algebra as well as being 4 credit hours. Please ensure that the Bulletin description of the algebra prerequisite is also included in the documentation.

Note: PSY 2012 is the only psychology course at Miami-Dade College that will count toward the psychology major or minor.

# TRANSFER CREDIT EQUIVALENCY EVALUATION FORM

Please **READ** and **FOLLOW** the **Equivalency Evaluation Procedures** listed on the back of this form. **Course descriptions of approved courses MUST be attached.**

Student Name: \_\_\_\_\_ UM/ID#: \_\_\_\_\_ Cell phone number: \_\_\_\_\_

UM Email: \_\_\_\_\_ Degree: \_\_\_\_\_ Major(s): \_\_\_\_\_ Minor(s): \_\_\_\_\_

Current Status:  Freshman (0-29 credits)  Sophomore (30-59 credits)  Junior (60-89 credits)  Senior (90+ credits) Total Earned Credits at this time: \_\_\_\_\_

Year and Term in which the course(s) were OR will be taken: Year: \_\_\_\_\_ Term:  Fall  Spring  Summer **Mark if applies:** Admitted as a Transfer Student to UM

Transfer Course Institution: \_\_\_\_\_

**Check ONLY One:**  Already completed below transfer courses **AND** transcripts received by UM  
 Have not completed the courses yet, but plan to take the following listed courses

I have read and understood the University of Miami **Equivalency Rule** outlined on the back of this form:  
 Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Transferring Course Information - <i>Must attach course descriptions!</i> ***to be completed by student**			University of Miami Course Equivalent ***to be completed by Department Rep**						
Dept. Code	Course #	Course Title (as listed at originating school)	Credits	UM Dept. Code	UM Course #	Major/Minor Approval	Approved by (Name)	Initial Here	Date approved
1						No			
2						Yes			
3						No			
4						Yes			
5						No			
6						Yes			
7						No			
						Yes			
						No			
						Yes			
						No			
						Yes			
						No			
						Yes			



## Guide to Undergraduate Research Participation

Undergraduate students can participate in an ongoing research project with a UM psychology or neuroscience faculty member for course credit or as a volunteer. Undergraduates work alongside faculty, graduate students, and peers as members of a professional research team, and participate in activities such as participant recruitment, data collection, and statistical analysis.

### Why get involved in research?

PREPARE FOR GRADUATE/PROFESSIONAL SCHOOL	BUILD YOUR NETWORK	GAIN RELEVANT EXPERIENCE
In-depth research experience is an essential component of a competitive application package.	Working with faculty mentors can lead to letters of recommendation and open doors to professional employment opportunities.	First-hand exposure to research builds marketable analytical skills.

### Who is eligible to sign up?

	PSY 280/380/480 CREDIT*	NEU 280/380/480 CREDIT*	VOLUNTEER
Prerequisites?	<ul style="list-style-type: none"> <li>See note below table</li> </ul>	<ul style="list-style-type: none"> <li>See note below table</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Permission?	<ul style="list-style-type: none"> <li>Faculty mentor permission</li> <li>UASP advisor approval</li> </ul>	<ul style="list-style-type: none"> <li>Faculty mentor permission</li> <li>UASP advisor approval</li> </ul>	<ul style="list-style-type: none"> <li>Faculty mentor permission</li> </ul>
Credits?	<ul style="list-style-type: none"> <li>1-3 credits/semester</li> <li>6 credits can count for major</li> </ul>	<ul style="list-style-type: none"> <li>1-3 credits/semester</li> <li>Credits count as electives</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>

\*280, 380, and/or 480 may be taken in any order as long as prerequisites are observed.

**Prerequisites:** 280: C- or higher in PSY110. 380: 12 credits in PSY including 291 or 292. 480: 15 credits in PSY including 291 or 292, 390, and permission from mentor for writing credit.

### How do I sign up?

PSY 280/380/480 CREDIT	NEU 280/380/480 CREDIT	VOLUNTEER
<ol style="list-style-type: none"> <li>Go to <a href="http://www.psy.miami.edu">www.psy.miami.edu</a>.</li> <li>Click "Undergraduate" then "Undergraduate Research Opportunities."</li> <li>Find a project of interest.</li> <li>Get in touch with the contact person and arrange an interview.</li> <li>Complete the <b>Permission to Register for Research for Credit</b> form.*</li> <li>Bring the signed form to UASP (Flipse 508) and meet with an advisor to register.</li> </ol>	<ol style="list-style-type: none"> <li>Contact Dr. Helen Bramlett (<a href="mailto:hbramlett@miami.edu">hbramlett@miami.edu</a>) to arrange a meeting to discuss your research interests.</li> <li>Work with Dr. Bramlett to find a project of interest.</li> <li>Get in touch with the contact person and arrange an interview.</li> <li>Complete the <b>Permission to Register for Research for Credit</b> form.*</li> <li>Bring the signed form to UASP (Flipse 508) and meet with and advisor to register.</li> </ol>	<p>For PSY volunteer research, complete steps 1-4 under "PSY 280/380/480 CREDIT" and steps 1-2 below.</p> <p>For NEU volunteer research, complete steps 1-3 under "NEU 280/380/480 CREDIT" and steps 1-2 below.</p> <ol style="list-style-type: none"> <li>Complete the <b>Undergraduate Application for Volunteer Research Participation</b> form.</li> <li>Drop off the signed form at UASP (Flipse 508).</li> </ol>

\*Students doing research for credit are also advised to complete the **Undergraduate Application for Volunteer Research Participation** form so they are covered from liability issues and granted computer access for the fiscal year. Students who do not complete this form are only allowed access to work in their research lab (for the semester they are registered) from the first day of classes to the last day of classes.

### What should you do to prepare before you meet with a faculty mentor?

- GET OFF TO A GOOD START** — Your initial contact will normally be via e-mail. Make sure your first impression is professional and courteous. When you meet in person, dress professionally and treat the meeting like a job interview.
- DO YOUR RESEARCH** — Read the specific details of the research project and look up information about the work of the faculty mentor. You should be able to discuss the project intelligently and explain why you are interested in being a part of that specific project or field of inquiry.
- PLAN AHEAD** — Make sure you have the appropriate forms ready to be signed. Ask appropriate questions during the interview that show a genuine interest in the project and the mentor's area of expertise.

## Permission to Register for Research for Credit

PSY 280/380/480 and NEU 280/380/480

**Course description:** Students assist on a research project in psychology or neuroscience under the supervision of a faculty member. Activities may include attendance at research team meetings, library research, and data collection (i.e., testing participants), entry, and management.

**Prerequisite:**

	PSY/NEU 280	PSY/NEU 380	PSY/NEU 480
<b>Course</b>	C- or higher in PSY 110	12 PSY credits, including PSY 291 or 292	15 PSY credits, including PSY 291 or 292, and 390
<b>GPA's</b>	major and combined GPA's of 2.8	major GPA of 2.5, combined GPA of 2.8	major GPA of 2.5, combined GPA of 2.8

**Research credits:** No more than 6 credits of research may count toward the psychology major and no more than 3 credits may count toward a minor. Research credits do not count toward the neuroscience major.

I, \_\_\_\_\_  
Name of Student (PLEASE PRINT) C# of Student

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
Address of Student Phone of Student E-mail of Student

a major in the Department of \_\_\_\_\_ and a minor or double major in the Department of \_\_\_\_\_  
Major Minor or Double Major

request permission to register in  PSY  NEU  
 280  380  480

during the  Fall  Spring  Summer I  Summer II of \_\_\_\_\_  
Year

and I agree to work with \_\_\_\_\_  
Name of Faculty Supervisor (PLEASE PRINT) E-mail of Faculty Supervisor

under project number \_\_\_\_\_  
Number of Project Name of Project

for \_\_\_\_\_ hours per week, which is equal to \_\_\_\_\_ credits.  
Number of Hours Number of Credits

**Key to hours per credit**

<b>Fall</b>	3 hours per week - 1 credit	<b>Summer</b>	3 hours per week - 1 credit
<b>or</b>	6 hours per week - 2 credits	<b>Summer</b>	16 hours per week - 2 credits
<b>Spring</b>	9 hours per week - 3 credits	<b>Summer</b>	24 hours per week - 3 credits

\_\_\_\_\_  
Signature of Student Signature Date of Student

**For Faculty and Researcher Use Only**

I understand that all students must register for research credit, enroll in a Senior Honors Thesis, or complete the appropriate volunteer paperwork to participate in a research lab. I accept the responsibility of supervising and evaluating the work of this student. I will also submit the student's grade to the Director of Undergraduate Academic Services, Leonard Clemons ([le.clemons@miami.edu](mailto:le.clemons@miami.edu)), no later than the last day of classes.

	Signature	Printed Name	Date
Faculty Supervisor <small>(required)</small>	_____	_____	_____
Assistant Supervisor <small>(if applicable)</small>	_____	_____	_____

- Once this form is signed by the student and the faculty supervisor, the student must:
- 1) bring all copies of this form to Undergraduate Academic Services for Psychology, Flipse 508
  - 2) fill-out a Course Request Form or Drop/Add Form
  - 3) get an override from a designated signer
  - 4) get registered for the class (Note: Students cannot enroll online)

**For Office Use Only**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Semester Code

## Psychology and Neuroscience Senior Honors Thesis FAQs

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### Question 1: What is a Senior Honors Thesis?

A Senior Honors Thesis is the culmination of an empirical research project that has been conducted by a superior student under the direction of a faculty member. It consists of a two-semester course sequence – PSY/NEU 580/581. PSY/NEU 580 objectives are to complete the research proposal and begin the data collection phase of the research. The research proposal is expected to include:

1. a literature review that discusses the issues and gives a rationale for the research
2. the hypothesis or prediction and the methodology that will answer the research question including variables to be measured, subject selection, proposed data analysis, etc.
3. some discussion of what the results will mean, how the research results can be used to answer theoretical, basic, or applied questions.

The PSY/NEU 581 objectives are the production of a finished piece of research to include data analysis. Theses are due on the date posted in the UM Academic Calendar. All theses must adhere to the guidelines set forth by the Department of Psychology.

### Question 2: Have you read the UM Undergraduate Bulletin?

- If so, please read on...
- If not, please read the sections regarding Honors Programs and Department of Psychology.

### Question 3: Are you eligible to do a Senior Honors Thesis in Psychology?

- Are you a psychology major?
- Do you have at least 18 credits in psychology?
- Have you completed PSY 290 (Introduction to Research Methods), PSY 291 (Introduction to Biobehavioral Statistics), and PSY 390 (Intermediate Research Methods and Statistics)?
- Do you have a cumulative GPA of at least 3.3 and a major GPA of at least 3.5?
- Do you have at least two semesters (Fall/Spring, not summer) remaining before graduation?

#### Also consider...

- Can you complete the project by the deadline posted in the UM Academic Calendar?
- Have you taken “Introduction to Research Projects” (PSY/NEU 280/380/480) or volunteered on a research project?
- Has a faculty member agreed to supervise you on your project?
- Do you have a research question that you want to address in your Senior Honors Thesis?

If your answers to these questions are “yes,” you may be well on your way to starting your project!

### Question 4: How will a Senior Honors Thesis help you in the long run?

- Completing a Senior Honors Thesis will give you valuable research experience; however, remember that such experiences may also be obtained in other ways. For instance, you may volunteer on one of several research projects over a period of time.
- It will also allow you to work closely with a faculty member increasing your chances of obtaining a good letter of recommendation – one of the most important components to applying to graduate school.
- Having contact with graduate students may help you get a better idea regarding the graduate school process.

### Question 5: Is a Senior Honors Thesis necessary to get into graduate school?

- A Senior Honors Thesis may be helpful, but it is **not necessary** to get into graduate school. Many students are accepted into programs across the country without having completed such a project.
- Grades, test scores, research/clinical experience, and letters of recommendation are important for graduate school admissions.
- If you are interested in a research based graduate program, however, completing a Senior Honors Thesis may be a valuable experience for you. It may help prepare you for projects that you will conduct in the future.
- Look at the material in the Undergraduate Academic Services for Psychology office to see what is necessary for graduate school admission. The Toppel Career Planning and Placement Center also has graduate school information. Investigate individual graduate programs on the internet.
- Check out graduate school information on the APA website [www.apa.org](http://www.apa.org).

## **Departmental Honors in Psychology Senior Honors Thesis**

### **Any psychology major may graduate with Departmental Honors by ...**

- earning an overall cumulative GPA  $\geq 3.3$
- earning a major GPA  $\geq 3.5$ ,
- completing PSY 290, PSY 291, and PSY 390, and
- completing PSY/NEU 580/581, Senior Honors Thesis in Psychology or Neuroscience I and II  
This entails submission of a thesis, and approval of that thesis by the Faculty Thesis Advisor and by the Director of Undergraduate Academic Services

### **In order to be eligible to write a Senior Honors Thesis (PSY/NEU 580/581) a student must ...**

- have completed 18 credits in psychology, including PSY 290, PSY 291, and PSY 390
- have an overall cumulative GPA  $\geq 3.3$
- have a psychology GPA  $\geq 3.5$
- have obtained the prior agreement of a faculty member to supervise the Thesis  
Faculty usually consider serving as a Faculty Thesis Advisor only for students who have had prior research involvement relevant to the planned Thesis. For this reason, a student aiming to graduate with Departmental Honors must obtain research experience *prior to the senior year*—typically by taking PSY/NEU 280/380/480 with the faculty member who will eventually be their Faculty Thesis Advisor. All Psychology Theses must conform to American Psychological Association style and must adhere to guidelines set forth by the University's Honors Program Office.
- have obtained approval to register from the Director of Undergraduate Academic Services
- have obtained topic approval from the Director of Undergraduate Academic Services

## How to Register for PSY/NEU 580/581 Senior Honors in Psychology or Neuroscience

PSY/NEU 580/581, Senior Honors in Psychology or Neuroscience, provides advanced students with experience in research methodology while earning course credit. This experience is valuable for students considering graduate, medical, or other professional schools. Participation in this course allows students an opportunity to work closely with a Psychology faculty member and his or her research team. It requires completion of a Senior Honors Thesis. Students interested in registering for this course should begin planning in the spring/summer before the senior year. For more information on Senior Honors Thesis requirements and options, contact the office of Undergraduate Academic Services for Psychology (UASP), Flipse 508, (305) 284-3303.

### TO SIGN UP FOR PSY/NEU 580/581

- Be sure that you meet the prerequisites. Questions? Contact the UASP office for specific eligibility requirements.
- Become familiar with ongoing projects. Browse through one of the Project Descriptions binders located in the UASP or on the website, [www.psy.miami.edu](http://www.psy.miami.edu), to get an idea of the types of research going on. Read about the project on the faculty member's website, or go to the library to look at articles he or she may have written on the subject. (Most students pursuing an Senior Honors Thesis will already be involved with a faculty member's research as a PSY/NEU 280/380/480 student or volunteer.)
- Obtain a *Permission to Register for PSY/NEU 580/581 Form* from the UASP office.
- Schedule an appointment with the researcher to discuss how you might work together.
- If the researcher agrees to become your Faculty Thesis Advisor, ask him or her to sign the *Permission to Register Form*. Note: The form must be signed by a researcher whose primary appointment is in the Department of Psychology. Graduate students and other faculty member signatures will not be accepted. A list of primary faculty members can be found in the Bulletin.
- Return the completed *Permission to Register Form* to Leonard Clemons, the Director of Undergraduate Academic Services, to obtain a signature and *Course Request* or *Drop/Add Form* so that the course may be added to your schedule. No student may sign up for PSY/NEU 580/581 without this signature and override.
- You will receive a copy of the *Permission to Register Form*.
- Register for PSY/NEU 580/581 (i.e., take the *Course Request Form* or *Drop/Add Form* to the registrar or UASP and add the course).

Students are expected to complete the sequence of PSY/NEU 580 and PSY/NEU 581. A grade of "incomplete" will be received by all students in PSY/NEU 580 until the Senior Honors Thesis is submitted.

Note: No more than 6 credits from PSY 280, PSY 380, PSY 480, and PSY 581 may be counted towards the psychology major. PSY 580 does not count toward the major.

**Department of Psychology  
Permission to Register for  
Senior Honors in Psychology or Neuroscience (PSY or NEU 580/581)**

**Course Description:** Independent empirical research project: 2 semester sequence with Honors Thesis

**Prerequisite:** **PSY 580/581:** 3.5 major GPA, 3.3 combined GPA, PSY or NEU major, 18 credits in PSY including PSY 390, and UASP faculty permission  
**NEU 580/581:** 3.5 major GPA, 3.3 combined GPA, PSY or NEU major, PSY 390, UASP faculty permission

**Research Credits:** PSY 580/581 are 3 credit hours each. No more than 6 hours total from PSY 280, PSY 380, PSY 480, and PSY581 may be counted towards the Psychology major. PSY 580 does not count toward the major. NEU research does not count toward the major.

I, \_\_\_\_\_, \_\_\_\_\_,  
**Student Name** **Student ID Number**  
 \_\_\_\_\_, \_\_\_\_\_,  
**E-mail** **Phone Number**

a major in the Department of **Psychology / Neuroscience** (circle one) request permission to register in:

**PSY** or  **NEU**  **580** or  **581**

during the  Fall  Spring  Summer I  Summer II Year \_\_\_\_\_

I will be working with \_\_\_\_\_.  
**Print Name of Psychology Faculty Supervisor**

I intend to submit my Honors Thesis in partial fulfillment of the requirements for:

**I accept the responsibility for supervising and evaluating the work of this student.**

\_\_\_\_\_  
**Signature: Supervising Psychology or Neuroscience Faculty Member** \_\_\_\_\_  
**Date**

**Thesis Topic** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
**Signature: Director, Undergraduate Academic Services** \_\_\_\_\_  
**Date**

**Once this form is signed by the supervising faculty member, the student must...**

1. Obtain a *Course Request Form* or *Drop/Add Form* (an override will be necessary to register for the course).
2. Take the signed forms to the Director of Undergraduate Academic Services, Sean Kilpatrick.
3. Since permission is necessary for enrollment, only the registrar or a UASP advisor can register you for the course.

**When the permission form is signed.....**

- 1 Copy will be sent to the professor
- 1 Copy will be kept in the student's advising file in UASP
- 1 Copy will be kept by UASP
- 1 Copy will be given to the student

## Psychology and Neuroscience Major Timetable

### *Freshman Year*

- complete AlcoholEdu
- participate in the FACT FORUM orientation, advising, and mentoring program
- establish an advising relationship with the psychology or neuroscience Advisor
- visit the UASP office
- attend a Psi Chi, TUNS, and/or Beta Beta Beta function
- take a campus tour
- tour the Richter Library
- visit the Writing Center
- visit the Academic Development Center
- attend at least one sporting event
- learn about campus student organizations
- make friends, have fun, and study well
- check out the Toppel Career Planning and Placement Center
- explore research opportunities
- attend a research conference on campus
- think about long-term goals, including Senior Honors Theses and study abroad

### *Sophomore Year*

- visit a psychology or neuroscience Advisor at least once a semester
- join Psi Chi, TUNS, and/or Beta Beta Beta (if eligible)
- investigate research opportunities
- choose a minor
- become acquainted with some of the faculty
- explore career options (the Counseling Center offers career testing services)
- begin to prepare a résumé
- visit the Toppel Career Planning and Placement Center
- consider applying for PRIME

### *Junior Year*

- visit a psychology or neuroscience Advisor at least once a semester
- attend Psi Chi, TUNS, and/or Beta Beta Beta functions
- update résumé
- begin to define career goals
- research graduate school options and the job market
- make contact with faculty and plan for letters of recommendation
- attend career forums sponsored by Toppel Career Planning and Placement
- research possible internships
- begin the application process for graduate school or research the job market
- get a credit check from the Senior Advisor
- pre meds - take the MCAT

### *Senior Year*

- visit the UASP office at least once
- apply for graduation
- enjoy your last year at UM
- pick up your cap and gown
- attend the graduation ceremony!
- attend the Honors Convocation (for Honors students)
- attend the Arts and Sciences and Psychology Receptions following graduation
- become a member of the UM Alumni Association

### Graduation Plan

<b>Name:</b>		<b>C#:</b>		<b>Bulletin Year:</b>	
<b>Degree:</b>		<b>Major:</b>		<b>Minor:</b>	
<b>ENG Placement:</b>		<b>MTH Placement:</b>		<b>Lang. Placement:</b>	
<b>A&amp;H Cognate:</b>		<b>P&amp;S Cognate:</b>		<b>STEM Cognate:</b>	

Fall Term			Spring Term			Summer Term		
Courses	H/W	#Cred.	Courses	H/W	#Cred.	Session A	H/W	#Cred.
						Session B		
						Session C		
<b>Total #Cred:</b>			<b>Total #Cred:</b>			<b>Total #Cred:</b>		
Notes:			Notes:			Notes:		

Fall Term			Spring Term			Summer Term		
Courses	H/W	#Cred.	Courses	H/W	#Cred.	Session A	H/W	#Cred.
						Session B		
						Session C		
<b>Total #Cred:</b>			<b>Total #Cred:</b>			<b>Total #Cred:</b>		
Notes:			Notes:			Notes:		

Fall Term			Spring Term			Summer Term		
Courses	H/W	#Cred.	Courses	H/W	#Cred.	Session A	H/W	#Cred.
						Session B		
						Session C		
<b>Total #Cred:</b>			<b>Total #Cred:</b>			<b>Total #Cred:</b>		
Notes:			Notes:			Notes:		

Fall Term			Spring Term			Summer Term		
Courses	H/W	#Cred.	Courses	H/W	#Cred.	Session A	H/W	#Cred.
						Session B		
						Session C		
<b>Total #Cred:</b>			<b>Total #Cred:</b>			<b>Total #Cred:</b>		
Notes:			Notes:			Notes:		



### Undergraduate Academic Services for Psychology Graduation Plan Template

**Name:** Sebastian Bryd                      **C#:** C1111111                      **Bulletin Year:** 2014-2015  
**Degree:** BA                                      **Major:** Psychology                      **Minor:** Criminology  
*Cognates*  
**A&H:** Digital Expression                      **P&S:** Psychology Major                      **STEM:** Science and Society  
**ENG Placement:** ENG 105                      **MTH Placement:** MTH 101                      **Language Placement:** SPA 101  
**Pre-UM Credits:** 0                      **Post-bac. Plans:** Ph.D. in Clinical Psychology

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;"><b>Fall Semester</b></td> <td style="text-align: right;"><u>2138</u></td> <td></td> </tr> <tr> <td>Course</td> <td></td> <td style="text-align: right;">Credits</td> </tr> <tr> <td>ENG 105</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>MTH 101</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>SPA 101</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 110</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>CMP 151</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 106</td> <td></td> <td style="text-align: right;">1</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"> </td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td style="text-align: right;"><u>16</u></td> </tr> </table>	<b>Fall Semester</b>	<u>2138</u>		Course		Credits	ENG 105		3	MTH 101		3	SPA 101		3	PSY 110		3	CMP 151		3	PSY 106		1				<b>Total</b>		<u>16</u>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;"><b>Spring Semester</b></td> <td style="text-align: right;"><u>2141</u></td> <td></td> </tr> <tr> <td>Course</td> <td></td> <td style="text-align: right;">Credits</td> </tr> <tr> <td>ENG 106</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>MTH 113</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>SPA 102</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 230</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOC 101</td> <td></td> <td style="text-align: right;">3</td> </tr> <tr> <td>PSY 190</td> <td></td> <td style="text-align: right;">1</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"> </td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td style="text-align: right;"><u>16</u></td> </tr> </table>	<b>Spring Semester</b>	<u>2141</u>		Course		Credits	ENG 106		3	MTH 113		3	SPA 102		3	PSY 230		3	SOC 101		3	PSY 190		1				<b>Total</b>		<u>16</u>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;"><b>Summer I</b></td> <td style="text-align: right;"><u>2145</u></td> <td></td> </tr> <tr> <td>Course</td> <td></td> <td style="text-align: right;">Credits</td> </tr> <tr> <td> </td> <td></td> <td style="text-align: right;"> </td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td style="text-align: right;"> </td> </tr> <tr> <td style="text-align: right;"><b>Summer II</b></td> <td style="text-align: right;"><u>2145</u></td> <td></td> </tr> <tr> <td> </td> <td></td> <td style="text-align: right;"> </td> </tr> <tr> <td style="text-align: right;"><b>Total</b></td> <td></td> <td style="text-align: right;"> </td> </tr> </table>	<b>Summer I</b>	<u>2145</u>		Course		Credits				<b>Total</b>			<b>Summer II</b>	<u>2145</u>					<b>Total</b>		
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**Credit Total:** 122

### Undergraduate Academic Services for Psychology Graduation Plan Template

**Name:** Ibis Flight                      **C#:** C22222222                      **Bulletin Year:** 2014-2015

**Degree:** BS                                      **Major:** Psychology                      **Minor:** Chemistry

*Cognates*  
**A&H:** World of Music                      **P&S:** Psychology Major                      **STEM:** Chemistry Minor

**ENG Placement:** ENG 105                      **MTH Placement:** MTH 107                      **Language Placement:** SPA 101

**Pre-UM Credits:** 0                      **Post-bac. Plans:** Medical School

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**Credit Total:** 125

### Undergraduate Academic Services for Psychology Graduation Plan Template

Name: Iron Hurricane C#: C33333333 Bulletin Year: 2014-2015

Degree: BS Major: Neuroscience Minor: Chemistry

*Cognates*  
A&H: World of Music P&S: Social Institutions STEM: Neuroscience Major

ENG Placement: ENG 105 MTH Placement: MTH 140 Language Placement: SPA 101

Pre-UM Credits: 0 Post-bac. Plans: Medical School

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<b>Total</b>	<b>16</b>																																																																												
Spring Semester	2141	Credits																																																																											
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ENG 106	3																																																																												
MTH 141	4																																																																												
SPA 102	3																																																																												
BIL 160	4																																																																												
BIL 161	1																																																																												
NEU 190	1																																																																												
<b>Total</b>	<b>16</b>																																																																												
Summer I	2145	Credits																																																																											
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Credit Total: 134



# University of Miami

## Office of the Registrar

### STUDENT Repeatable Course Request Form

The Student Repeatable Course Form is a **one-time exception** in order to repeat a previously completed course. A student may repeat a course, but the repetition will not eliminate the previous grade from the record.

(See the "Repeat Rules" section of the Bulletin at <http://bulletin.miami.edu/general-university-information/undergraduate-academic-procedure-information/course-information/repeat-rules/>.)

<b>Start Date</b>	<b>End Date</b>	<b>Student Name</b>
<b>Subject Area</b> <small>(ex: ENG)</small>	<b>Catalog No.</b> <small>(ex: 105)</small>	<b>EMPL ID #</b>

Repeating Course for Credit?:

Yes

No

# of Times Student Has Taken Course:

#### Reason for Repeat:

- Freshman Repeat
- Needs course for major or graduation
- Could not take course in the same semester (Summer Sessions)
- Other (must specify): \_\_\_\_\_  
(102 character limit)

Department Chair: \_\_\_\_\_

(Required)\*

Date: \_\_\_\_\_

Academic Dean: \_\_\_\_\_

(Required)\*

Date: \_\_\_\_\_

**\*Please Note:** The Academic Dean's signature is required for non-departmentalized schools, while both the Dept. Chair and the Academic Dean's signatures are required for departmentalized schools/colleges.

**This form will not be processed without the required signature(s). Form must be attached with a signed Drop/Add form.** For questions, please email [scheduling.rg@miami.edu](mailto:scheduling.rg@miami.edu).

## FALL Semester

	Monday	Wednesday	Friday		Tuesday	Thursday
<b>A</b> 8:00 am-8:50 am				<b>N</b> 8:00 am-9:15 am		
<b>B</b> 9:05 am-9:55 am				<b>O</b> 9:30 am-10:45 am		
<b>C</b> 10:10 am-11:00 am				<b>P</b> 11:00 am-12:15 pm		
<b>D</b> 11:15 am-12:05 pm				<b>Q</b> 12:30 pm-1:45 pm		
<b>E</b> 12:20 pm-1:10 pm				<b>R</b> 2:00 pm-3:15 pm		
<b>F</b> 1:25 pm-2:15 pm				<b>S</b> 3:30 pm-4:45 pm		
<b>G</b> 2:30 pm-3:20 pm				<b>T</b> 5:00 pm-6:15 pm		
<b>H</b> 3:35 pm-4:25 pm				<b>U</b> 6:25 pm-7:40 pm		
<b>J</b> 5:00 pm-6:15 pm				<b>V</b> 7:50 pm-9:05 pm		
<b>K</b> 6:25 pm-7:40 pm						
<b>L</b> 7:50 pm-9:05 pm						



