

**GEORGE MASON UNIVERSITY**  
**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**  
**B.S. DEGREE IN NEUROSCIENCE (David King Hall 2086, 703-993-1384)**  
<http://neuroscience.gmu.edu/programs/la-bs-neur>  
**2014-2015 CATALOG**

	<u>Department(s) &amp; Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<b><u>MASON CORE REQUIREMENTS (*24-27)</u></b>			
a. Written Communication: ENGH 101 (100), ENGH 302 (C or better) (3,3)		___ ___	___ ___
b. Oral Communication: COMM 100 or 101 (circle choice) (3)		___ ___	___ ___
c. Quantitative Reasoning (satisfied by completion of major requirements)			
d. Literature (3)			
e. Arts (3)			
f. Western Civilization (3)			
g. Social & Behavioral Science (satisfied by completion of major requirements)			
h. Natural Science (satisfied by completion of major requirements)			
i. Global Understanding (3)			
j. Information Technology (satisfied by completion of major requirements)			
k. Synthesis (3)			

Go to: <http://provost.gmu.edu/gened/general-education-requirements/> to link to information on Mason Core requirements.

**MAJOR REQUIREMENTS (75-78 hours required)**

a. CHEM 211, CHEM 212 (4,4)		a. ___ ___	___ ___
b. BIOL 213 (4), one course from: BIOL 311 (4), 326 (3), 425 (3), 430 (4), 431 (4)		b. ___ ___	___ ___
c. MATH 113, MATH 114, or MATH 213 (3-4)		c. ___ ___	___ ___
d. PHYS 243/244; 245/246 (3,1,3,1) or PHYS 160/16; PHYS 260/261 (3,1,3,1)		d. ___ ___	___ ___
e. PSYC 100, PSYC 375 (3,3)		e. ___ ___	___ ___
f. PSYC 376, PSYC 373 (3,1)		f. ___ ___	___ ___
g. CDS 130 (3)		g. ___ ___	___ ___
h. One course from: STAT 250 (3), PSYC 300 (4), MATH 352 (30, or BIOL 214 (4)		h. ___ ___	___ ___
i. NEUR 327, NEUR 335 (3,3)		i. ___ ___	___ ___
j. NEUR 410 (writing intensive course) or NEUR 411 (writing intensive course)		(3) j. ___ ___	___ ___
k. Twenty-four hours electives (24)(must be approved by the director of the program; list courses)(no more than six credits of D may be applied to this requirement)			
1. _____	2. _____	___ ___	___ ___
3. _____	4. _____	___ ___	___ ___
5. _____	6. _____	___ ___	___ ___
7. _____	8. _____	___ ___	___ ___

**Students intending to apply to a PhD program in Neuroscience are advised to take CHEM 313 and 315 and MATH 114**

**Students intending to apply to an MD program are advised to take CHEM 313/315 and 314/318**

**GENERAL ELECTIVES** (List courses)

		___ ___	___ ___
		___ ___	___ ___
		___ ___	___ ___

**MINIMUM HOURS TO GRADUATE: 120**

**UPPER DIVISION HOURS (minimum 45):**

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2014-2015 Catalog; the University Catalog is the official reference for program requirements.

## COURSE LISTS (NEUROSCIENCE)

### Mason Core Requirements

Written Communication: ENGH 101 (or 100) and ENGH 302

Oral Communication: COMM 100 or COMM 101

Quantitative Reasoning: MATH 113, 114. (The Math Placement Test is required to take a MATH course. See this web site for more information: [http://math.gmu.edu/placement\\_test.htm](http://math.gmu.edu/placement_test.htm))

Literature: ARAB 325; CHIN 310, 311, 325, 328; CLAS 250, 260, 340, 350, 360, 380; ENGH 201, 202, 203, 204; FREN 325, 329; FRLN 330; GERM 325; ITAL 320, 325; JAPA 340; PHIL 253; RELI 235; RUSS 325, 326, 327; SPAN 325

Arts: ARTH 101, 102, 103, 200, 201, 203, 204, 321, 322, 324, 333, 334, 335, 340, 341, 342, 344, 345, 360, 362, 370, 372, 373, 376; AVT 103, 104, 215, 222, 232, 243, 252, 253, 262, 272; DANC 101, 119, 125, 131, 145, 161, 225, 231, 245, 301, 354, 445, 390, 391; ENGH 370, 372, 396; FAVS 225; GAME 101; MUSI 100, 101, 102, 107, 280, 301, 302, 380, 381, 382, 383, 384, 385, 387, 389, 485; PHIL 156; THR 101, 150, 151, 210, 230, 395, 411, 412.

Western Civilization: HIST 100 or 125; transfer students may substitute: the following courses for HIST 100: HIST 101, 102, 301, 302, 304, 305, 306, 308, 309, 312, 314, 322, 388, 435, 436, 480; and the following courses for HIST 125: HIST 202, 387.

Social and Behavioral Sciences: AFAM 200; ANTH 114, 120, 135, 396; CONF 101; CONS 410; CRIM 100; ECON 100, 103, 104, 105, 110, 111 (110 and 111 must be taken together); EDUC 372; GGS 103; GOVT 101, 103, 367; HEAL 230; HIST 121, 122; LING 306; **PSYC 100**, 211, 231; SOCI 101, 352, 355; SOM 100; TOUR 311; WMST 200

Natural Sciences: CHEM 211 & 212

Global Understanding: ANTH 302, 304, 306, 307, 308, 309, 311, 312, 313, 316, 331, 332, 385; ARTH 319, 320, 380, 382, 383, 384, 385, 386; CEIE 100; COMM 305, 456; CRIM 405; DANC 118, 318, 418; ECON 360, 361, 362, 380, 390; ENGH 362, 366; GCH 205; GGS 101; GLOA 101; GOVT 132, 133; HIST 130, 251, 252, 261, 262, 271, 272, 281, 282, 328, 329, 356, 358, 360, 364, 365, 387, 460, 462; JAPA 310; MSOM 305; MUSI 103, 431; PHIL 243; PSYC 379; RELI 100, 211, 212, 313, 315, 341, 374; RUSS 354; SOCI 120, 320, 332; SPAN 322; SYST 100; THR 359, TOUR 210; WMST 100

Information Technology: **CDS 130**

Synthesis: ANTH 400; ARTH 394; AVT 385, 497, 498; BENG 492, 493; BINF 354; BIOL 301; BIS 490; CEIE 490; COMM 326, 362, 454; CONF 490; CONS 490; CRIM 495; CS 306; DANC 490; ECE 447, 492, 493; ECON 309; EDCI 490; ENGH 305; EVPP 335, 480; FAVS 352; FRLN 385; GAME 490; GCH 465; GEOL 420; GGS 303, 304; GOVT 490, 491; HAP 465; HIST 300, 499; IT 492; LAS 499; MATH 400; MUSI 490; NCLC 308; NURS 465; PHIL 309, 343, 377, 378, 379; PHYS 346; PROV 342; PSYC 405, 406, 427; RELI 490; RUSS 353; SOCI 377, 483; SOCW 323, SOM 498; SPAN 388; SYST 495; THR 440, 496; UNIV 442